

27. Washington, 6, 14, 19, 21, 22, 29. West Virginia, 3, 8, 9, 10, 12, 23, 26. Wisconsin, 8, 23. Wyoming, 19, 23, 28.

SLEET.

The following are the dates on which sleet fell in the respective States:

Alabama, 17. Arkansas, 9, 15, 16, 20. California, 19, 20, 21, 22, 26, 27. Colorado, 21. Connecticut, 19. Georgia, 17, 20. Idaho, 16, 27. Illinois, 1, 9, 12, 15, 20. Indiana, 9, 10, 11, 12, 20. Iowa, 7, 8, 9, 11, 12, 15, 19, 20, 21. Kansas, 8. Maine, 1, 12. Massachusetts, 1, 11, 14, 16, 19. Michigan, 1, 2, 8, 9, 10, 11, 15, 22. Minnesota, 1, 7, 8, 11, 12, 14, 22. Montana, 19, 24. Nebraska, 1, 3, 4, 8, 9, 11, 19, 21, 22, 23, 24. Nevada, 3, 19, 20, 22, 23, 26. New York, 1, 2, 3, 10, 11, 12, 13, 14, 15, 16, 19, 20. North Carolina, 10, 17, 20, 28. North Dakota, 7, 8, 14, 19, 20, 21, 22. Ohio, 9, 10, 12. Oregon, 22, 30. Pennsylvania, 10, 11, 12. South Carolina, 20, 21, 26. South Dakota, 4, 7, 8, 11, 19, 20, 21. Tennessee, 9, 10, 13, 14, 16, 17, 20. Utah, 6, 20, 21, 22, 23. Vermont, 1, 2, 11. Virginia, 10, 16. Washington, 5, 6. West Virginia, 12. Wisconsin, 9, 11, 15.

CLEAR SKY AND CLOUDINESS.

The distribution of clear sky is graphically shown on Chart IV, and the numerical values of average daylight cloudiness, both for individual stations and by geographic districts, appear in Table I.

The cloudiness was above the average in the Atlantic and east Gulf States, Florida Peninsula, Ohio Valley and Tennessee, lower Lakes, North Dakota, and the middle slope and middle Pacific regions; elsewhere it was below the average.

The average cloudiness for the various districts, with departures from the normal, are shown in the following table:

Average cloudiness and departures from the normal.

| Districts. | Average. | Departure from the normal. | Districts. | Average. | Departure from the normal. |
|---------------------------------|----------|----------------------------|------------------------|----------|----------------------------|
| New England | 6.1 | + 0.8 | Missouri Valley | 4.7 | - 0.7 |
| Middle Atlantic | 5.9 | + 0.7 | Northern Slope | 4.6 | - 0.8 |
| South Atlantic | 4.8 | + 0.4 | Middle Slope | 4.9 | + 0.5 |
| Florida Peninsula | 4.2 | + 0.3 | Southern Slope | 3.6 | - 0.6 |
| East Gulf | 5.0 | + 0.5 | Southern Plateau | 2.2 | - 0.1 |
| West Gulf | 5.1 | - 0.1 | Middle Plateau | 4.2 | - 0.3 |
| Ohio Valley and Tennessee | 5.9 | + 0.6 | Northern Plateau | 5.0 | - 1.3 |
| Lower Lake | 6.5 | + 1.0 | North Pacific | 6.3 | - 0.2 |
| Upper Lake | 5.3 | - 0.4 | Middle Pacific | 5.1 | + 0.5 |
| North Dakota | 5.7 | + 0.2 | South Pacific | 3.6 | - 0.3 |
| Upper Mississippi Valley | 4.5 | - 1.0 | | | |

ATMOSPHERIC ELECTRICITY.

Numerical statistics relative to auroras and thunderstorms are given in Table IV, which shows the number of stations from which meteorological reports were received, and the number of such stations reporting thunderstorms (T) and auroras (A) in each State and on each day of the month, respectively.

Thunderstorms.—Reports of 2498 thunderstorms were received during the current month as against 2677 in 1903 and 3289 during the preceding month.

The dates on which the number of reports of thunderstorms for the whole country was most numerous were: 24th, 249; 23d, 218; 25th, 188.

Reports were most numerous from: Missouri, 231; Texas, 201; Kansas, 145.

Auroras.—The evenings on which bright moonlight must have interfered with observations of faint auroras are assumed to be the four preceding and following the dates of full moon,

viz: March 27 to April 4, inclusive, and April 25 to May 3, inclusive.

In Canada. Thunderstorms were reported from Charlottetown, 30; Father Point, 12; Quebec, 9; Ottawa, 9, 30; Kingston, 9; Toronto, 9; Port Stanley, 1, 24; Saugeen, 24; Parry Sound, 9, 24; Medicine Hat, 29; Edmonton, 29; Hamilton, Bermuda, 4, 5, 19.

Auroras were reported from Quebec, 10; White River, 3, 19; Parry Sound, 3; Port Arthur, 17, 19; Winnipeg, 18, 19; Minnedosa, 13, 18; Swift Current, 7, 17, 18; Banff, 10; Edmonton, 1, 11, 13, 18, 19, 26; Prince Albert, 1, 2; Battleford, 2.

HUMIDITY.

The relative humidity was normal in the upper Mississippi Valley; above normal in New England, Ohio Valley and Tennessee, lower Lakes, North Dakota, and the northern slope, middle and northern Plateau, and north Pacific regions. In the remaining geographic districts its was below normal.

The averages by districts appear in the subjoined table:

Average relative humidity and departures from the normal.

| Districts. | Average. | Departure from the normal. | Districts. | Average. | Departure from the normal. |
|---------------------------------|----------|----------------------------|------------------------|----------|----------------------------|
| New England | 77 | + 4 | Missouri Valley | 63 | - 1 |
| Middle Atlantic | 66 | - 1 | Northern Slope | 62 | + 4 |
| South Atlantic | 67 | - 5 | Middle Slope | 56 | - 1 |
| Florida Peninsula | 72 | - 2 | Southern Slope | 53 | - 2 |
| East Gulf | 69 | - 1 | Southern Plateau | 27 | - 3 |
| West Gulf | 69 | - 3 | Middle Plateau | 47 | + 2 |
| Ohio Valley and Tennessee | 69 | + 4 | Northern Plateau | 64 | + 7 |
| Lower Lake | 77 | + 7 | North Pacific | 78 | + 7 |
| Upper Lake | 71 | - 2 | Middle Pacific | 71 | - 1 |
| North Dakota | 73 | + 5 | South Pacific | 66 | - 2 |
| Upper Mississippi Valley | 68 | 0 | | | |

WIND.

The maximum wind velocity at each Weather Bureau station for a period of five minutes is given in Table I, which also gives the altitude of Weather Bureau anemometers above ground.

Following are the velocities of 50 miles and over per hour registered during the month:

Maximum wind velocities.

| Stations. | Date. | Velocity. | Direction. | Stations. | Date. | Velocity. | Direction. |
|-----------------------|-------|-----------|------------|-------------------------|-------|-----------|------------|
| Amarillo, Tex. | 24 | 57 | nw. | New York, N. Y. | 16 | 73 | nw. |
| Cairo, Ill. | 8 | 50 | w. | Do. | 20 | 53 | nw. |
| Cheyenne, Wyo. | 22 | 58 | w. | North Head, Wash. | 2 | 50 | s. |
| Chicago, Ill. | 24 | 53 | sw. | Do. | 5 | 52 | s. |
| Dodge, Kans. | 6 | 57 | se. | Do. | 21 | 60 | s. |
| Do. | 21 | 50 | sw. | Do. | 23 | 60 | se. |
| Duluth, Minn. | 1 | 58 | nw. | Do. | 24 | 58 | se. |
| Do. | 2 | 60 | nw. | North Platte, Nebr. | 8 | 52 | nw. |
| Do. | 8 | 54 | ne. | Point Reyes Light, Cal. | 3 | 53 | nw. |
| Do. | 11 | 50 | ne. | Do. | 5 | 65 | nw. |
| Eastport, Me. | 20 | 54 | e. | Do. | 6 | 60 | nw. |
| Fort Smith, Ark. | 8 | 52 | w. | Do. | 18 | 60 | se. |
| Green Bay, Wis. | 15 | 67 | ne. | Do. | 19 | 52 | w. |
| Hatteras, N. C. | 19 | 50 | ne. | Do. | 21 | 50 | nw. |
| Huron, S. Dak. | 8 | 51 | nw. | Do. | 29 | 55 | nw. |
| Jupiter, Fla. | 9 | 60 | s. | Do. | 30 | 55 | nw. |
| Knoxville, Tenn. | 25 | 50 | w. | Pueblo, Colo. | 6 | 52 | w. |
| Lincoln, Nebr. | 8 | 64 | nw. | St. Louis, Mo. | 8 | 60 | sw. |
| Do. | 9 | 50 | nw. | Sand Key, Fla. | 30 | 50 | sw. |
| Modena, Utah | 19 | 55 | sw. | Sioux City, Iowa. | 8 | 54 | n. |
| Do. | 26 | 60 | sw. | Do. | 11 | 56 | nw. |
| Mount Tamalpais, Cal. | 6 | 53 | nw. | Do. | 22 | 56 | s. |
| Do. | 12 | 58 | sw. | Springfield, Mo. | 8 | 54 | w. |
| Do. | 21 | 54 | nw. | Tatoosh Island, Wash. | 11 | 56 | e. |
| Do. | 22 | 55 | nw. | Do. | 22 | 51 | s. |
| Do. | 23 | 55 | nw. | Do. | 24 | 50 | s. |
| New York, N. Y. | 12 | 50 | w. | Williston, N. Dak. | 11 | 52 | nw. |

DESCRIPTION OF TABLES AND CHARTS.

By Mr. W. B. STOCKMAN, District Forecaster, in charge of Division of Meteorological Records.

For description of tables and charts see page 136 of REVIEW for March, 1904.

TABLE I.—Climatological data for Weather Bureau stations, April, 1904.

| Stations. | Elevation of instruments. | | Pressure, in inches. | | Temperature of the air, in degrees Fahrenheit. | | | | | | Precipitation, in inches. | | Wind. | | | | Total snowfall. | | | | | | | | | | | | |
|-----------------------|----------------------------------|----------------------------|--------------------------|---------------------------------------|--|----------------------------|------------------------|----------|-------|---------------|---------------------------|-------|---------------|-----------------------|-----------------------|------------------------------------|-----------------------------------|--------|------------------------|------------------------|------------------------|-----------------------|-------------------|----------|--------|-----|-----|-------|-----|
| | Barometer above sea level, feet. | Thermometers above ground. | Anerometer above ground. | Sea level, reduced to mean of 24 hrs. | Departure from normal. | Mean max. + mean min. + 2. | Departure from normal. | Maximum. | Date. | Mean maximum. | Minimum. | Date. | Mean minimum. | Greatest daily range. | Mean wet thermometer. | Mean temperature of the dew-point. | Mean relative humidity, per cent. | Total. | Departure from normal. | Days with .01 or more. | Total movement, miles. | Prevailing direction. | Maximum velocity. | Date. | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| New England. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eastport. | 76 | 69 | 82 | 29.88 | 29.97 | + .04 | 41.5 | - 1.5 | 37.2 | - 1.4 | 55 | 5 | 44 | 17 | 4 | 4 | 31 | 25 | 34 | 31 | 77 | 6.01 | 2.8 | 12 | sw. 54 | 6.1 | | | |
| Portland, Me. | 103 | 81 | 117 | 29.84 | 29.96 | + .00 | 40.2 | - 2.8 | 60 | 5 | 47 | 22 | 14 | 32 | 36 | 23 | 36 | 74 | 7.51 | + 0.3 | 12 | 8,089 | sw. 36 | e. n. | 20 | 7 | 16 | 6.8 | |
| Concord. | 298 | 70 | 79 | 29.63 | 29.96 | - .03 | 41.6 | - 2.7 | 67 | 25 | 51 | 22 | 14 | 32 | 36 | 23 | 36 | 74 | 7.44 | + 4.6 | 15 | 4,644 | nw. 29 | w. n. | 20 | 7 | 16 | 9.9 | |
| Northfield. | 876 | 16 | 60 | 29.00 | 29.97 | - .02 | 38.1 | - 1.2 | 63 | 24 | 48 | 14 | 17 | 29 | 38 | 35 | 30 | 73 | 2.95 | + 0.9 | 14 | 6,311 | nw. 36 | ne. s. | 3 | 10 | 13 | 12 | 6.3 |
| Boston. | 125 | 115 | 181 | 29.83 | 29.97 | + .00 | 44.6 | - 0.5 | 70 | 30 | 53 | 26 | 4 | 37 | 32 | 40 | 33 | 68 | 9.14 | + 5.7 | 13 | 7,744 | w. 32 | se. 2 | 27 | 10 | 8 | 12 | 5.5 |
| Nantucket. | 12 | 43 | 82 | 29.95 | 29.96 | - .01 | 42.8 | - 0.3 | 56 | 29 | 48 | 27 | 20 | 38 | 19 | 40 | 39 | 89 | 4.08 | + 0.5 | 17 | 10,274 | sw. 42 | se. 1 | 5 | 15 | 10 | 6.5 | T. |
| Block Island. | 26 | 11 | 46 | 29.94 | 29.97 | - .01 | 42.2 | - 1.2 | 60 | 25 | 48 | 26 | 20 | 36 | 21 | 39 | 36 | 82 | 5.31 | + 1.9 | 15 | 11,786 | w. 38 | w. 20 | 8 | 13 | 9 | 5.4 | 1.6 |
| Narragansett. | 9 | 38 | ..... | ..... | ..... | ..... | 42.0 | - 2.2 | 60 | 25 | 50 | 22 | 17 | 34 | 26 | 34 | 27 | 76 | 7.69 | + 4.1 | 17 | ..... | se. 11 | ..... | 11 | 8 | 11 | ..... | 0.5 |
| New Haven. | 106 | 116 | 154 | 29.85 | 29.97 | - .02 | 44.8 | - 1.3 | 72 | 25 | 53 | 24 | 20 | 37 | 27 | 40 | 34 | 70 | 6.64 | + 3.1 | 13 | 7,715 | nw. 40 | 16 | 13 | 10 | 7 | 4.5 | T. |
| Mid. Atlantic States. | | | | | | | 48.3 | - 2.3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 66 | 2.34 | + 1.0 | 10 | ..... | ..... | ..... | ..... | 5.9 | 5.9 | 5.9 | |
| Albany. | 97 | 102 | 115 | 29.87 | 29.98 | - .02 | 43.6 | - 2.4 | 70 | 30 | 52 | 24 | 20 | 35 | 32 | 38 | 34 | 72 | 2.87 | + 0.4 | 16 | 5,873 | s. 28 | se. 9 | 5 | 14 | 11 | 6.4 | 5.0 |
| Binghamton. | 875 | 79 | 90 | 29.03 | 29.98 | - .04 | 41.0 | - 4.5 | 68 | 24 | 50 | 18 | 20 | 32 | 35 | 24 | 30 | 65 | 3.94 | + 0.6 | 12 | 11,384 | w. 32 | nw. 16 | 6 | 9 | 15 | 6.5 | 0.1 |
| New York. | 314 | 108 | 350 | 29.63 | 29.97 | - .03 | 46.4 | - 1.7 | 73 | 25 | 54 | 25 | 20 | 39 | 24 | 40 | 33 | 61 | 2.07 | + 1.4 | 12 | 6,387 | nw. 39 | w. 12 | 7 | 9 | 14 | 6.5 | T. |
| Harrisburg. | 374 | 94 | 104 | 29.59 | 29.99 | - .03 | 46.7 | - 3.7 | 74 | 26 | 55 | 26 | 20 | 39 | 27 | 41 | 33 | 63 | 1.89 | + 1.1 | 9 | 6,388 | nw. 40 | w. 16 | 8 | 13 | 9 | 5.6 | T. |
| Philadelphia. | 117 | 116 | 184 | 29.87 | 30.06 | - .01 | 49.0 | - 1.5 | 79 | 25 | 57 | 29 | 4 | 41 | 29 | 42 | 35 | 63 | 2.32 | + 1.5 | 15 | 6,773 | s. 42 | sw. 16 | 5 | 9 | 16 | 7.1 | 0.3 |
| Seranton. | 805 | 111 | 119 | 29.12 | 29.99 | - .02 | 43.8 | - 1.0 | 70 | 25 | 52 | 22 | 20 | 35 | 35 | 39 | 32 | 66 | 3.42 | + 0.3 | 11 | 6,208 | nw. 32 | ne. 27 | 7 | 11 | 12 | 6.2 | T. |
| Atlantic City. | 52 | 39 | 48 | 29.93 | 29.99 | - .01 | 45.8 | - 1.0 | 68 | 25 | 53 | 25 | 4 | 39 | 31 | 41 | 36 | 73 | 3.09 | + 0.2 | 10 | 6,208 | nw. 30 | nw. 19 | 7 | 15 | 8 | 5.6 | 0.3 |
| Cape May. | 17 | 47 | 51 | 29.99 | 30.01 | + .02 | 46.2 | - 2.0 | 62 | 20 | 52 | 28 | 4 | 40 | 21 | 42 | 37 | 63 | 2.37 | + 1.1 | 12 | 6,228 | nw. 36 | nw. 20 | 7 | 10 | 13 | 6.1 | T. |
| Baltimore. | 123 | 69 | 117 | 29.85 | 29.98 | - .03 | 49.9 | - 3.2 | 80 | 25 | 59 | 27 | 20 | 41 | 30 | 43 | 35 | 63 | 2.98 | + 0.4 | 12 | 5,918 | w. 36 | nw. 19 | 15 | 6 | 9 | 4.4 | T. |
| Cape Henry. | 18 | 11 | 58 | 29.97 | 29.99 | - .01 | 54.2 | - 0.4 | 85 | 26 | 62 | 32 | 4 | 46 | 31 | 38 | 30 | 63 | 0.81 | + 3.6 | 9 | 10,438 | se. 48 | n. 19 | 10 | 15 | 5 | 4.7 | T. |
| Lynchburg. | 681 | 83 | 88 | 29.24 | 29.98 | - .04 | 52.2 | - 3.7 | 82 | 25 | 63 | 27 | 17 | 41 | 39 | 45 | 38 | 63 | 0.97 | + 2.4 | 7 | 3,857 | nw. 24 | w. 19 | 11 | 12 | 13 | 5.1 | T. |
| Norfolk. | 91 | 102 | 111 | 29.91 | 30.01 | - .00 | 55.4 | - 0.8 | 84 | 26 | 65 | 33 | 4 | 48 | 42 | 45 | 42 | 65 | 1.13 | + 2.9 | 9 | 7,364 | s. 34 | sw. 1 | 6 | 12 | 13 | 6.2 | T. |
| Richmond. | 144 | 82 | 90 | 29.86 | 30.01 | - .01 | 54.2 | - 0.5 | 84 | 25 | 64 | 29 | 4 | 44 | 35 | 42 | 38 | 79 | 2.15 | + 1.5 | 10 | 4,399 | sw. 29 | w. 11 | 8 | 11 | 12 | 5.2 | T. |
| Wytheville. | 2,293 | 40 | 47 | 27.61 | 30.02 | - .01 | 46.5 | - 1.0 | 76 | 25 | 57 | 21 | 17 | 36 | 40 | 42 | 38 | 79 | 2.15 | + 1.5 | 14 | 4,817 | w. 28 | w. 19 | 8 | 9 | 13 | 5.9 | 0.5 |
| S. Atlantic States. | | | | | | | 58.8 | - 3.1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 67 | 1.03 | + 2.5 | 10 | ..... | ..... | ..... | ..... | 4.8 | 4.8 | 4.8 | | |
| Asheville. | 2,255 | 53 | 75 | 27.66 | 30.01 | - .02 | 49.2 | - 5.4 | 75 | 25 | 60 | 26 | 5 | 39 | 39 | 42 | 36 | 66 | 1.64 | + 1.4 | 8 | 6,920 | nw. 32 | sw. 16 | 5 | 13 | 12 | 6.1 | 3.0 |
| Charlotte. | 773 | 68 | 76 | 29.18 | 30.03 | - .00 | 55.5 | - 4.2 | 80 | 1 | 66 | 32 | 4 | 46 | 32 | 47 | 40 | 60 | 0.89 | + 2.6 | 10 | 6,096 | sw. 33 | sw. 9 | 8 | 9 | 13 | 5.8 | 0.8 |
| Hatteras. | 11 | 12 | 47 | 30.00 | 30.01 | - .00 | 58.2 | + 1.0 | 75 | 26 | 65 | 36 | 4 | 52 | 55 | 51 | 50 | 80 | 2.84 | + 1.9 | 10 | 11,335 | s. 50 | ne. 19 | 15 | 13 | 12 | 5.7 | T. |
| Raleigh. | 376 | 71 | 79 | 29.61 | 30.02 | - .01 | 56.3 | - 2.5 | 84 | 25 | 67 | 31 | 5 | 46 | 35 | 49 | 42 | 63 | 0.29 | + 3.0 | 9 | 5,334 | s. 26 | sw. 1 | 9 | 14 | 13 | 7.4 | T. |
| Wilmington. | 78 | 82 | 90 | 29.93 | 30.01 | - .02 | 59.3 | - 2.2 | 80 | 2 | 68 | 36 | 4 | 50 | 34 | 52 | 47 | 70 | 1.44 | + 1.5 | 12 | 7,082 | sw. 31 | sw. 25 | 10 | 13 | 12 | 7.4 | T. |
| Charleston. | 48 | 14 | 92 | 29.99 | 30.04 | + .01 | 61.8 | - 2.8 | 87 | 16 | 70 | 42 | 4 | 54 | 36 | 54 | 48 | 67 | 0.17 | + 3.4 | 3 | 8,569 | s. 34 | ne. 16 | 10 | 15 | 15 | 5.6 | T. |
| Columbia, S. C. | 351 | 167 | 175 | 29.64 | 30.02 | - .01 | 59.0 | - 4.6 | 82 | 15 | 70 | 34 | 4 | 48 | 37 | 52 | 46 | 68 | 1.23 | + 1.6 | 9 | 7,967 | w. 37 | ne. 4 | 7 | 15 | 8 | 5.5 | T. |
| Augusta. | 180 | 89 | 97 | 29.93 | 30.03 | - .00 | 59.6 | - 4.6 | 84 | 15 | 70 | 34 | 5 | 49 | 38 | 52 | 45 | 63 | 1.16 | + 2.2 | 9 | 5,768 | w. 32 | w. 19 | 12 | 13 | 13 | 5.4 | T. |
| Savannah. | 65 | 81 | 89 | 29.98 | 30.05 | + .02 | 63.2 | - 2.9 | 87 | 16 | 72 | 43 | 4 | 54 | 33 | 54 | 48 | 65 | 0.35 | + 3.1 | 3 | 6,666 | s. 27 | w. 10 | 13 | 12 | 13 | 5.4 | T. |
| Jacksonville. | 43 | 101 | 120 | 29.98 | 30.03 | - .01 | 66.4 | - 2.5 | 86 | 16 | 75 | 50 | 11 | 58 | 25 | 58 | 63 | 68 | 0.81 | + 2.1 | 6 | 7,846 | s. 36 | sw. 26 | 15 | 8 | 7 | 3.8 | T. |
| Florida Peninsula. | | | | | | | 72.9 | - 0.2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 72 | 1.67 | + 0.4 | 10 | ..... | ..... | ..... | ..... | 5.0 | 5.0 | 5.0 | | |
| Jupiter. | 28 | 10 | 48 | 30.00 | 30.03 | - .01 | 73.4 | - 1.4 | 89 | 21 | 80 | 54 | 11 | 66 | 63 | 75 | 72 | 2.85 | + 0.1 | 6 | 8,217 | e. 60 | s. 9 | 11 | 17 | 2 | 4.4 | T. | |
| Key West. | 22 | 10 | 53 | 29.99 | 30.01 | - .01 | 75.2 | - 0.9 | 84 | 8 | 80 | 66 | 30 | 71 | 15 | 68 | 64 | 72 | 1.51 | + 0.3 | 7 | 7,378 | ne. 6 | sw. 5 | 30 | 16 | 12 | 3.9 | T. |
| Sand Key. | 25 | 40 | 71 | 29.97 | 30.00 | - .00 | 75.6 | - 0.5 | 87 | 18 | 79 | 63 | 30 | 72 | 16 | 20 | 24 | 68 | 0.48 | + 1.1 | 5 | 11,108 | w. 5 | sw. 7 | 30 | 13 | 9 | 4.8 | T. |
| Tampa. | 34 | 66 | 67 | 30.00 | 30.04 | - .02 | 62.2 | - 3.5 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 69 | 2.05 | + 2.3 | 10 | ..... | ..... | ..... | ..... | 5.0 | 5.0 | 5.0 | | |
| East Gulf States. | | | | | | | 60.6 | - 6.0 | 80 | 15 | 64 | 34 | 4 | 47 | 33 | 48 | 42 | 67 | 1.62 | + 2.1 | 10 | 10,500 | nw. 43 | w. 19 | 19 | 6 | 8 | 16 | 6.8 |
| Atlanta. | 1,174 | 190 | 216 | 28.79 | 30.04 | + .01 | 55.6 | - 6.0 | 80 | 25 | 65 | 32 | 4 | 45 | 30 | 49 | 38 | 60 | 0.99 | + 2.4 | 10 | 6,122 | nw. 30 | sw. 9 | 18 | 10 | 12 | 5.9 | T. |
| Macon. | 370 | 93 | 99 | 29.65 | 30.04 | + .01 | 59.6 | - 2.0 | 81 | 11 | 66 | 38 | 3 | 48 | 37 | 49 | 41 | 61 | 2.39 | + 2.7 | 3 | 8,064 | | | | | | | |

TABLE I.—*Climatological data for Weather Bureau stations, April, 1904—Continued.*

| Stations. | Elevation of instruments. | | Pressure, in inches. | | Temperature of the air, in degrees Fahrenheit. | | | | | | | | | | | | Precipitation, in inches. | | Wind. | | | | | | | | | | | |
|---------------------|----------------------------------|-----|----------------------------|-------|--|-------|------|-------|----|----|----------------------------|----|----|----|----|----|---------------------------|-------|---------------|-------|-----------------------|--------|-----------------------|-----|------------------------|----|-----------------------|-----|-------------------|-----|
| | Barometer above sea level, feet. | | Thermometers above ground. | | Sea level, reduced to mean of 24 hrs. | | | | | | Departure from normal. | | | | | | Mean maximum. | | Mean minimum. | | Greatest daily range. | | Mean wet thermometer. | | Total movement, miles. | | Prevailing direction. | | Maximum velocity. | |
| | | | | | Actual, reduced to mean of 24 hours. | | | | | | Mean max. + mean min. + 2. | | | | | | | | | | | | | | | | | | | |
| North Dakota. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Moorhead. | 935 | 54 | 60 | 29.07 | 30.12 | + .13 | 38.6 | - 3.4 | 74 | 30 | 44 | 16 | 16 | 30 | 29 | 34 | 73 | 2.26 | + 0.3 | 9 | 8,529 | se. | 35 | nw. | 1 | 8 | 15 | 5.7 | | |
| Bismarck. | 1,674 | 16 | 29 | 28.26 | 30.08 | + .11 | 40.4 | - 1.7 | 83 | 28 | 50 | 15 | 16 | 30 | 33 | 34 | 66 | 1.38 | - 0.9 | 6 | 10,473 | n. | 44 | n. | 11 | 12 | 9 | 4.9 | 7.5 | |
| Williston. | 1,875 | 14 | 44 | 28.04 | 30.06 | + .10 | 38.1 | - 4.5 | 87 | 28 | 48 | 15 | 15 | 28 | 45 | 33 | 73 | 0.78 | - 0.6 | 7 | 8,580 | se. | 52 | nw. | 11 | 9 | 7 | 5.8 | 2.6 | |
| Upper Miss. Valley. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Minneapolis. | 99 | 208 | 208 | 29.14 | 30.06 | + .07 | 41.0 | - 6.1 | 73 | 30 | 49 | 21 | 16 | 33 | 32 | 32 | 73 | 1.83 | - 1.0 | 11 | 10,197 | n. | 45 | n. | 8 | 10 | 9 | 11 | 7.8 | |
| St. Paul. | 837 | 102 | 122 | 29.14 | 30.06 | + .07 | 41.9 | - 3.3 | 75 | 30 | 50 | 21 | 16 | 34 | 30 | 36 | 73 | 1.74 | - 0.7 | 9 | 6,493 | nw. | 34 | n. | 15 | 7 | 8 | 4.3 | 10.2 | |
| La Crosse. | 714 | 71 | 87 | 29.27 | 30.06 | + .08 | 43.8 | - 3.6 | 76 | 30 | 52 | 23 | 3 | 35 | 30 | 30 | 73 | 1.83 | - 0.9 | 9 | 6,735 | ne. | 36 | ne. | 15 | 7 | 8 | 4.4 | 1.0 | |
| Davenport. | 606 | 71 | 79 | 29.36 | 30.01 | + .03 | 45.6 | - 4.1 | 86 | 23 | 55 | 24 | 16 | 36 | 31 | 39 | 65 | 2.05 | - 0.7 | 6 | 6,819 | ne. | 35 | ne. | 25 | 13 | 9 | 4.3 | 5.2 | |
| Des Moines. | 861 | 84 | 99 | 29.13 | 30.07 | + .10 | 45.4 | - 5.1 | 74 | 30 | 55 | 26 | 3 | 36 | 31 | 40 | 66 | 5.48 | + 2.7 | 9 | 7,394 | nw. | 36 | s. | 23 | 8 | 13 | 4.6 | 0.2 | |
| Dubuque. | 698 | 100 | 117 | 29.29 | 30.05 | + .07 | 44.3 | - 4.3 | 79 | 23 | 54 | 24 | 16 | 35 | 33 | 39 | 63 | 2.05 | - 0.7 | 7 | 6,561 | nw. | 34 | nw. | 15 | 17 | 5 | 4.3 | 1.5 | |
| Keokuk. | 614 | 63 | 78 | 29.35 | 30.02 | + .04 | 47.0 | - 5.0 | 81 | 23 | 56 | 28 | 16 | 38 | 28 | 40 | 67 | 5.11 | + 1.9 | 9 | 7,373 | n. | 38 | nw. | 15 | 15 | 9 | 6.4 | 0.0 | |
| Cairo. | 356 | 87 | 93 | 29.66 | 30.05 | + .06 | 52.6 | - 6.3 | 77 | 23 | 61 | 35 | 20 | 44 | 31 | 46 | 68 | 2.98 | - 0.9 | 9 | 8,696 | n. | 50 | w. | 8 | 3 | 18 | 9 | 6.0 | |
| Springfield, Ill. | 644 | 82 | 93 | 29.33 | 30.03 | + .05 | 46.8 | - 6.6 | 80 | 23 | 56 | 28 | 21 | 38 | 29 | 40 | 64 | 8.1 | + 1.1 | 10 | 8,693 | n. | 33 | s. | 23 | 15 | 11 | 4.3 | 6.1 | |
| Hannibal. | 534 | 75 | 109 | 29.43 | 30.01 | + .03 | 47.6 | - 6.1 | 79 | 23 | 56 | 28 | 17 | 39 | 28 | 30 | 55 | 2.5 | + 2.6 | 11 | 8,594 | sw. | 47 | s. | 23 | 15 | 11 | 4.3 | 8.5 | |
| St. Louis. | 567 | 208 | 217 | 29.41 | 30.02 | + .04 | 49.2 | - 7.0 | 79 | 23 | 56 | 28 | 20 | 41 | 27 | 44 | 40 | 77 | 3.25 | - 0.5 | 11 | 9,676 | se. | 60 | nw. | 8 | 13 | 9 | 4.7 | 5.5 |
| Missouri Valley. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Columbia, Mo. | 784 | 11 | 84 | 29.19 | 30.03 | + .05 | 47.9 | - 8.5 | 79 | 23 | 58 | 27 | 17 | 38 | 32 | 32 | 63 | 3.50 | + 0.6 | 9 | 7,921 | n. | 40 | sw. | 8 | 14 | 8 | 4.6 | 1.8 | |
| Kansas City. | 963 | 78 | 95 | 29.01 | 30.06 | + .10 | 49.0 | - 5.4 | 76 | 22 | 58 | 30 | 16 | 40 | 26 | 43 | 68 | 6.69 | + 3.8 | 10 | 6,915 | nw. | 32 | n. | 15 | 7 | 8 | 4.0 | 0.0 | |
| Springfield, Mo. | 1,324 | 93 | 104 | 28.61 | 30.03 | + .06 | 50.0 | - 7.5 | 75 | 22 | 59 | 31 | 9 | 41 | 43 | 37 | 68 | 3.71 | + 2.0 | 11 | 8,741 | se. | 42 | nw. | 16 | 6 | 8 | 5.1 | 5.5 | |
| Topeka. | 88 | 89 | 89 | | | | 49.1 | - 7.7 | 77 | 22 | 60 | 28 | 16 | 33 | 35 | 35 | 70 | 4.70 | + 2.0 | 11 | 7,736 | nw. | 54 | w. | 8 | 12 | 11 | 4.7 | 2.1 | |
| Lincoln. | 1,189 | 75 | 84 | 28.75 | 30.04 | + .10 | 45.4 | - 6.0 | 74 | 30 | 56 | 21 | 16 | 35 | 34 | 38 | 62 | 5.11 | + 2.5 | 10 | 11,264 | nw. | 64 | nw. | 8 | 13 | 7 | 4.7 | 1.0 | |
| Omaha. | 1,105 | 115 | 121 | 28.85 | 30.05 | + .05 | 45.8 | - 5.2 | 73 | 30 | 55 | 24 | 16 | 36 | 32 | 38 | 60 | 3.20 | + 0.1 | 9 | 9,177 | n. | 46 | n. | 8 | 15 | 7 | 4.4 | 4.0 | |
| Valentine. | 2,598 | 47 | 54 | 27.32 | 30.06 | + .12 | 44.5 | - 2.7 | 78 | 14 | 57 | 16 | 16 | 32 | 43 | 36 | 26 | 56 | 0.40 | - 2.4 | 2 | 9,333 | nw. | 44 | n. | 8 | 15 | 7 | 8 | 4.0 |
| Sioux City. | 1,135 | 96 | 164 | 28.82 | 30.06 | + .11 | 43.9 | - 4.1 | 75 | 30 | 55 | 20 | 16 | 33 | 40 | 40 | 52 | 2.32 | - 0.7 | 6 | 12,705 | nw. | 56 | nw. | 11 | 11 | 7 | 5.5 | 2.0 | |
| Pierre. | 1,572 | 43 | 50 | 28.38 | 30.07 | + .12 | 45.0 | - 1.3 | 82 | * | 53 | 14 | 16 | 32 | 41 | 36 | 27 | 57 | 0.87 | - 1.5 | 1 | 5,489 | n. | 40 | n. | 12 | 12 | 7 | 4.1 | 1.9 |
| Huron. | 1,306 | 56 | 67 | 28.65 | 30.07 | + .11 | 41.3 | - 3.1 | 79 | 23 | 54 | 14 | 16 | 29 | 48 | 35 | 68 | 2.22 | - 0.7 | 8 | 12,357 | se. | 51 | nw. | 8 | 12 | 9 | 5.3 | 9.6 | |
| Yankton. | 1,233 | 42 | 49 | 28.77 | 30.11 | + .16 | 47.3 | - 3.0 | 78 | 30 | 56 | 16 | 16 | 32 | 46 | 46 | 1,89 | - 1.2 | 7 | 8,271 | nw. | 37 | n. | 11 | 17 | 5 | 4.4 | 2.3 | | |
| Northern Slope. | | | | | | | 45.2 | - 0.6 | | | | | | | | | 62 | 0.77 | - 0.9 | | | | | | | | | | | |
| Havre. | 2,505 | 11 | 44 | 27.36 | 30.02 | + .09 | 44.6 | - 0.6 | 76 | 27 | 58 | 20 | 15 | 31 | 46 | 38 | 66 | 0.34 | - 0.6 | 4 | 6,598 | e. | 37 | sw. | 10 | 15 | 8 | 4.4 | 0.4 | |
| Miles City. | 2,371 | 42 | 50 | 27.46 | 29.99 | + .03 | 47.6 | - 1.0 | 78 | 27 | 60 | 22 | 15 | 35 | 42 | 42 | 78 | 0.06 | - 1.0 | 1 | 5,430 | nw. | 30 | w. | 6 | 15 | 11 | 4.4 | 0.5 | |
| Helena. | 4,110 | 88 | 94 | 25.80 | 30.00 | + .03 | 47.1 | - 3.6 | 77 | 12 | 58 | 17 | 16 | 36 | 40 | 40 | 75 | 0.50 | - 0.9 | 5 | 6,465 | sw. | 35 | n. | 14 | 12 | 11 | 4.7 | 0.5 | |
| Kalispell. | 2,965 | 45 | 51 | 26.26 | 29.99 | + .03 | 45.8 | - 3.3 | 72 | 26 | 58 | 22 | 1 | 34 | 38 | 38 | 60 | 0.70 | - 0.7 | 6 | 4,309 | w. | 25 | sw. | 6 | 21 | 4 | 5.1 | 3.1 | |
| Rapid City. | 3,234 | 46 | 50 | 26.60 | 30.01 | + .06 | 44.2 | - 2.4 | 78 | 28 | 57 | 17 | 16 | 32 | 46 | 38 | 61 | 0.43 | - 1.8 | 4 | 8,031 | nw. | 37 | n. | 8 | 13 | 9 | 5.0 | 0.3 | |
| Cheyenne. | 6,088 | 56 | 64 | 23.98 | 30.00 | + .09 | 41.5 | - 0.6 | 72 | 13 | 55 | 15 | 9 | 28 | 42 | 33 | 24 | 58 | 1.80 | + 0.4 | 11 | 8,667 | n. | 58 | w. | 22 | 6 | 13 | 4.4 | 0.2 |
| Lander. | 5,372 | 26 | 36 | 24.62 | 29.99 | + .05 | 44.3 | - 2.3 | 76 | 27 | 59 | 19 | 1 | 29 | 46 | 36 | 27 | 58 | 1.05 | - 1.6 | 5 | 3,567 | sw. | 36 | sw. | 19 | 10 | 14 | 6.4 | 1.8 |
| Yellowstone Park. | 6,200 | 11 | 47 | 28.36 | 30.03 | + .07 | 38.7 | - | 69 | 27 | 51 | 10 | 1 | 26 | 39 | 39 | 59 | 0.96 | - 0.3 | 9 | 4,375 | sw. | 30 | nw. | 6 | 14 | 5 | 4.3 | 7.0 | |
| North Platte. | 2,821 | 43 | 52 | 27.10 | 30.04 | + .12 | 47.4 | - 1.2 | 81 | 14 | 62 | 21 | 16 | 33 | 51 | 39 | 60 | 1.52 | - 0.6 | 7 | 9,844 | nw. | 52 | n. | 8 | 15 | 6 | 5.2 | 4.9 | |
| Mid. Plateau. | | | | | | | 51.9 | - 0.6 | | | | | | | | | 56 | 1.86 | - 0.3 | | | | | | | | | | | |
| Denver. | 5,291 | 73 | 151 | 24.69 | 29.95 | + .05 | 49.4 | - 2.5 | 78 | 13 | 62 | 22 | 9 | 37 | 41 | 40 | 56 | 7.3 | - 1.3 | 6 | 6,857 | n. | 41 | ne. | 24 | 8 | 13 | 9.6 | 2.4 | |
| Pueblo. | 4,685 | 80 | 86 | 25.25 | 29.94 | + .06 | 50.4 | - 0.1 | 81 | 20 | 65 | 23 | 16 | 36 | 45 | 38 | 24 | 45 | 0.25 | - 1.2 | 3 | 6,542 | se. | 52 | w. | 6 | 11 | 15 | 4.4 | 0.2 |
| Concordia. | 1,398 | 42 | 47 | 25.85 | 30.04 | + .11 | 49.0 | - 6.3 | 78 | 22 | 60 | 27 | 16 | 34 | 40 | 41 | 34 | 62 | 5.40 | - 2.2 | 11 | 7,535 | se. | 38 | n. | 8 | 12 | 8 | 5.2 | 5.0 |
| Dodge. | 2,509 | 44 | 54 | 27.40 | 30.01 | + .11 | 51.9 | - 1.8 | 86 | 21 | 66 | 26 | 17 | 38 | 47 | 42 | 32 | 56 | 1.54 | - 0.9 | 9 | 10,340 | se. | 57 | se. | 6 | 10 | 12 | 8 | 5.2 |
| Wichita. | 1,358 | 78 | 86 | 28.59 | 30.03 | + .10 | 52.7 | - 5.1 | 80 | 20 | 64 | 31 | 16 | 42 | 41 | 44 | 36 | 62 | 2.65 | - 0.3 | 10 | 8,115 | n. | 43 | nw. | 8 | 11 | 11 | 4.6 | 3.6 |
| Oklahoma. | 1,214 | 79 | 86 | 28.70 | 29.98 | + .06 | 58.0 | - 3.0 | 90 | 20 | 69 | 35 | 16 | 47 | 45 | 48 | 39 | 55 | 1.51 | - 1.2 | 9 | 10,085 | se. | 48 | sw. | 24 | 9 | 13 | 8.4 | 3.6 |
| Independence. | | | | | | | 59.7 | - 0.6 | | | | | | | | | 53 | 0.78 | - 1.4 | | | | | | | | | | | |
| Middle Plateau. | | | | | | | 49.4 | - 0.0 | | | | | | | | | 47 | 0.72 | - 0.4 | | | | | | | | | | | |
| Carson City. | 4,720 | 82 | 92 | 25.25 | 29.98 | + .01 | 45.7 | - 2.3 | 79 | 12 | 59 | 23 | 24 | 33 | 43 | 37 | 29 | 59 | 0.20 | - 0.7 | 2 | 5,697 | sw. | 33 | sw. | 18 | 13 | 10 | 7.1 | 0.1 |
| Winnemucca. | 4,344 | 59 | 70 | 25.59 | 29.98 | + .02 | 46.9 | - 0.4 | 80 | 12 | 60 | 23 | 24 | 34 | 39 | 39 | 40 | 6.04 | - 0.7 | 2 | 6,617 | sw. | 41 | sw. | 19 | 16 | 3 | 11 | 4.7 | |
| Modena. | 5,479 | 10 | 43 | 24.58 | 29.93 | + .05 | 46.0 | - 2.6 | 75 | 12 | 61 | 12 | 24 | 27 | 46 | 32 | 38 | 1.63 | - 0.9 | 1 | 9,182 | sw. | 60 | sw. | 26 | 17 | 12 | 1 | 3.3 | |
| Salt Lake City. | 4,366 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* More than one date.

TABLE II.—Climatological record of voluntary and other cooperating observers, April, 1904.

| Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | |
|-----------------------------|-------------------------------|-----------------|-------------------|--------------------------|-------------------------|-------------------------|-------------------------------|-----------------|-------------------|--------------------------|-------------------------|----------------------------|-------------------------------|----------|-------|--------------------------|-------------------------|
| | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. |
| <i>Alabama.</i> | • | • | • | In. | In. | <i>Arizona</i> —Cont'd. | • | • | • | In. | 0.00 | <i>California</i> —Cont'd. | • | • | • | In. | In. |
| Anniston..... | 85 | 33 | 60.3 | 2.83 | | Oro..... | 106 | 38 | 69.4 | T. | | Campbell..... | 88 | 35 | 55.2 | 1.83 | |
| Ashville..... | 83 | 30 | 57.2 | 1.88 | | Parker..... | 98 | 34 | 65.9 | 0.00 | | Campo..... | ..... | ..... | 0.49 | | |
| Bermuda..... | 86 | 40 | 64.5 | 2.87 | | Phoenix..... | 98 | 34 | 65.9 | 0.00 | | Cedarville..... | 85 | 22 | 45.1 | 1.27 | 9.0 |
| Boligee..... | 87 | 32 | 62.4 | 1.73 | | Pinal Ranch..... | 75 | 16 | 47.7 | 0.05 | | Chico..... | 94 | 33 | 58.9 | 2.14 | |
| Bridgeport..... | | | | 2.15 | | Prescott..... | 85 | 19 | 52.6 | 0.10 | 0.2 | Chino..... | 93 | 42 | 63.0 | 0.99 | |
| Burkeville..... | | | | 2.20 | | St. Johns..... | 85 | 31 | 63.7 | T. | | Cisco*1..... | 50 | 20 | 34.4 | 5.20 | 48.0 |
| Calera..... | | | | 1.63 | | San Carlos..... | 96 | 31 | 63.7 | T. | | Claremont..... | 96 | 35 | 59.6 | 1.20 | |
| Campbell..... | 85 | 33 | 61.3 | 0.48 | | San Simon..... | 95 | 30 | 64.5 | 0.00 | | Cloverdale..... | 92 | 33 | 56.9 | 3.22 | |
| Citronelle..... | 84 | 38 | 65.0 | 2.09 | | Sentinel*1..... | 102 | 56 | 77.4 | 0.00 | | Colusa..... | 83 | 37 | 57.6 | 1.63 | |
| Clanton..... | 85 | 35 | 61.4 | 2.19 | | Signal b..... | 103 | 33 | 67.2 | 0.06 | | Corning*5..... | 85 | 48 | 57.8 | 1.90 | |
| Cordova..... | 85 ¹ | 29 ¹ | 59.1 ¹ | 3.51 | | Superstition..... | 85 | 21 | 51.3 | 0.00 | | Coronado..... | ..... | ..... | 0.16 | | |
| Daphne..... | 82 | 42 | 66.5 | 1.35 | | Taylor..... | 94 | 29 | 62.2 | 0.00 | | Crescent City..... | 80 | 36 | 51.5 | 6.89 | |
| Decatur..... | 80 | 33 | 56.8 | 2.78 | | Thatcher..... | 97 | 40 | 66.3 | 0.00 | | Cuyamaca..... | 71 | 25 | 45.0 | 2.64 | T. |
| Demopolis..... | | | | 1.78 | | Tonto..... | 83 | 21 | 53.6 | 0.00 | | Delano*1..... | 93 | 46 | 62.0 | 0.53 | |
| Dothan..... | 85 | 41 | 65.2 | 2.00 | | Tuba..... | 92 | 33 | 63.9 | 0.00 | | Delta..... | 95 | 32 | 54.2 | 8.36 | |
| Eufaula..... | 82 | 39 | 61.0 | 1.88 | | Tucson..... | 96 | 55 | 71.9 | 0.00 | | Dobbins..... | 91 | 38 | 60.3 | 2.68 | 2.0 |
| Evergreen..... | 83 | 39 | 64.1 | 1.82 | | Vail*5..... | 88 | 26 | 59.6 | 0.00 | | Drytown..... | 86 | 37 | 50.5 | 3.30 | |
| Floaton..... | 87 ^b | 39 ^b | 64.4 ^b | 1.56 | | Walnutgrove..... | 83 | 14 | 48.0 | 0.16 | | Dunham*1..... | 83 | 45 | 61.6 | 1.10 | |
| Florence a..... | | | | 3.50 | | Williams..... | 95 | 38 | 60.6 | 0.05 | | Durham..... | 89 | 34 | 56.7 | 2.43 | |
| Florence b..... | 81 | 31 | 57.4 | 3.24 | | Yarnell..... | 87 | 20 | 53.2 | 0.00 | | Elecajon..... | 95 | 38 | 60.6 | 0.10 | |
| Fort Deposit..... | 86 | 37 | 62.4 | 1.22 | | Young..... | 87 | 20 | 53.2 | 0.00 | | Electra..... | ..... | ..... | 3.39 | | |
| Gadsden..... | 85 | 32 | 57.8 | 3.30 | | <i>Arkansas.</i> | | | | | | Elmdale..... | 90 | 31 | 58.2 | 1.35 | |
| Goodwater..... | 84 | 33 | 59.0 | 1.46 | | Alco..... | 81 | 28 | 54.7 | 2.94 | | Elsinore..... | 104 | 30 | 60.4 | 0.28 | |
| Greensboro..... | 84 | 34 | 61.6 | 1.65 | | Amity..... | 85 | 30 | 59.2 | 7.94 | | Escondido..... | 90 | 28 | 54.6 | 0.47 | |
| Greenville..... | | | | 2.25 | | Arkadelphia..... | 82 | 36 | 59.0 | 3.69 | | Folsom..... | ..... | ..... | 2.05 | | |
| Hamilton..... | 84 ^t | 33 ^t | 58.6 ^t | 3.16 | | Arkansas City..... | 82 | ..... | ..... | 3.56 | | Fordyce..... | ..... | ..... | 6.67 | 69.0 | |
| Highland Home..... | 83 | 35 | 61.8 | 1.99 | | Batesville..... | 82 | 32 | 56.0 | 1.64 | | Fort Bragg..... | ..... | ..... | 4.10 | | |
| Letohatchie..... | | | | 1.44 | | Blanchard..... | 85 | 33 | 61.6 | 4.80 | | Fort Ross..... | 75 | 36 | 53.2 | 5.23 | |
| Livingston..... | 84 | 28 | 60.0 | 2.12 | | Brinkley..... | 79 | 35 | 55.2 | 2.77 | | Foster..... | ..... | ..... | 0.64 | | |
| Lock No. 4..... | 84 | 34 | 59.0 | 2.37 | | Camden a..... | 82 | 42 | 57.9 | 3.42 | | Fouts Springs..... | ..... | ..... | 2.24 | | |
| Madison Station..... | 83 | 30 | 57.3 | 2.99 | | Camden b..... | 82 | 37 | 52.0 | 5.16 | | Georgetown..... | 79 | 30 | 51.4 | 5.52 | 1.0 |
| Maple Grove..... | 83 | 31 | 55.0 | 2.34 | | Conway..... | 84 | 29 | 58.1 | 3.26 | | Gilroy (near)..... | 94 | 34 | 66.7 | 1.72 | |
| Mariion..... | 85 | 33 | 61.8 | 1.40 | | Corning..... | 81 | 32 | 52.5 | 5.52 | | Greenville..... | 83 | 24 | 46.4 | 2.43 | 5.0 |
| Milstead..... | | | | 1.24 | | Dallas..... | 84 | 35 | 55.6 | 3.69 | | Hanford..... | 94 | 20 | 58.8 | 0.72 | |
| Newbern..... | 89 | 31 | 61.6 | 1.63 | | Dardanelle..... | 82 | 31 | 54.7 | 1.64 | | Healdsburg..... | 92 | 33 | 57.0 | 3.35 | |
| Notasulga..... | | | | 0.60 | | Des Arc..... | 81 | 30 | 58.0 | 3.47 | | Hollister..... | 90 | 34 | 56.0 | 1.50 | |
| Oneonta..... | 81 | 31 | 57.0 | 4.65 | | Dodd City..... | 86 | 25 | 51.8 | 3.25 | | Imperial..... | 104 | 43 | 70.6 | 0.05 | |
| Opelika..... | 86 | 34 | 59.8 | 1.10 | | Dutton..... | 77 | 27 | 52.0 | 5.16 | | Indio..... | 110 | 43 | 78.0 | 0.00 | |
| Ozark..... | 86 | 39 | 62.7 | 2.80 | | Elou..... | 85 ^t | 33 | 60.8 | 6.19 | | Iowa Hill*1..... | 82 | 36 | 52.0 | 5.33 | 4.0 |
| Prattville..... | 85 | 33 | 60.7 | 2.48 | | Eureka Springs..... | 77 | 30 | 53.4 | 4.23 | | Irvine..... | ..... | ..... | 0.95 | | |
| Pushumataha..... | 83 | 34 | 61.8 | 3.22 | | Fayetteville..... | 78 | 31 | 53.4 | 3.36 | | Isabella..... | 92 | 38 | 59.0 | 0.95 | |
| Riverton..... | 88 | 29 | 58.2 | 3.17 | | Forrest City..... | 80 | 35 | 56.7 | 6.32 | | Jamestown..... | 87 | 30 | 54.3 | 3.58 | |
| Scottsboro..... | 82 | 32 | 56.2 | 1.91 | | Fulton..... | 82 | 32 | 54.2 | 5.11 | | Kennedy Gold Mine..... | ..... | ..... | 3.01 | | |
| Selma..... | 86 | 36 | 62.8 | 2.83 | | Hardy..... | 82 | 32 | 54.2 | 5.11 | | Kentfield..... | ..... | ..... | 2.44 | | |
| Spring Hill..... | 81 | 43 | 65.2 | ..... |  | Heber..... | 85 | 27 | 56.2 | 1.83 | | Kernville..... | ..... | ..... | 0.43 | | |
| Talladega..... | 85 | 32 | 59.6 | 1.76 | | Helena a..... | 82 | ..... | ..... | 3.96 | | King City..... | 97 | 33 | 57.6 | 1.02 | |
| Tallassee..... | | | | 1.51 | | Helena b..... | 80 | 32 | 55.0 | 3.39 | | Lakeport (near)..... | 78 | 38 | 54.0 | 2.17 | |
| Thomasville..... | 89 | 34 | 62.2 | 2.60 | | Hope..... | 86 | 38 | 62.2 | 5.36 | | Lamesa..... | ..... | ..... | 0.32 | | |
| Tuscaloosa..... | 85 | 31 | 59.4 | 1.67 | | Howe..... | 87 | 35 | 61.2 | 5.51 | | Laporte..... | 76 | 20 | 41.2 | 7.63 | |
| Tuscumbia..... | 81 | 34 | 56.4 | 3.43 | | Jonesboro..... | 89 | 33 | 59.5 | 4.68 | | Legrande..... | 95 | 32 | 54.0 | 0.90 | |
| Tuskegee..... | 86 | 32 | 62.6 | 1.13 | | Lacrosse..... | 83 | 29 | 52.8 | ..... |  | Lemon Cove..... | 96 | 36 | 61.8 | 1.96 | |
| Union Springs..... | 85 | 35 | 62.0 | 1.55 | | Lake Village..... | 88 | 34 | 59.4 | 3.08 | | Lick Observatory..... | 77 | 24 | 45.6 | 4.21 | 8.0 |
| Uniontown..... | 85 | 30 | 61.4 | 2.21 | | Lonoke..... | 84 | 30 | 57.5 | 3.14 | | Livermore..... | 92 | 34 | 56.4 | 1.56 | |
| Valleyhead..... | 80 | 32 | 54.8 | 3.61 | | Lutherfordville..... | 82 | 31 | 54.6 | 2.42 | | Lodi..... | 84 | 34 | 56.8 | 1.44 | |
| Verbeña..... | | | | 2.44 | | Malvern..... | 82 | 31 | 57.2 | 5.70 | | Los Gatos..... | 88 | 38 | 56.7 | 3.66 | |
| Wetumpka..... | 86 | 35 | 62.9 | 2.44 | | Marvell..... | 81 | 33 | 58.6 | 3.47 | | Lowe Observatory..... | ..... | ..... | 2.10 | | |
| <i>Alaska.</i> | | | | | | Mossville..... | 72 | 29 | 51.7 | 5.21 | | Magnolia..... | 86 | 30 | 55.2 | 5.57 | 1.0 |
| Juneau..... | 60 | 30 | 42.2 | 7.84 | | Mount Nebo..... | 78 | 33 | 54.5 | 2.96 | | Mammoth..... | 104 | 38 | 78.8 | 0.00 | |
| Killisnoo..... | 54 | 30 | 40.8 | 1.35 | | New Gascouy..... | 85 ^t | 41 ^t | 62.9 ^t | 3.70 | | Marysville..... | 88 | 38 | 58.8 | 1.30 | |
| Loring..... | 62 | 26 | 41.0 | 1.95 | 5.0 | New Lewisville..... | 85 | 34 | 60.1 | 5.06 | | Merced..... | 90 | 34 | 59.0 | 1.32 | |
| Orca..... | 58 | 30 | 38.8 | 13.55 | 7.0 | Newporta..... |  |  | ..... | 3.28 | | Mercury..... | ..... | ..... | 3.19 | | |
| Sitka..... | 56 | 29 | 40.8 | 3.39 | 2.0 | Newport b..... | 84 | 33 | 56.0 | 2.47 | | Mills College..... | ..... | ..... | 1.79 | | |
| Skagway..... | 58 | 27 | 41.0 | 2.31 | | Oregon..... | 87 | 25 | 52.6 | 2.43 | | Milo..... | ..... | ..... | 1.90 | | |
| Teekhill..... | 58 ^t | 10 | 39.9 | 0.72 | 7.2 | Osceola..... | 89 | 38 | 58.8 | 3.27 | | Milton (near)..... | 83 | 37 | 57.8 | 1.74 | |
| <i>Arizona.</i> | | | | | | Paragould..... | 82 | 32 | 55.6 | 4.94 | | Modesto*1..... | 87 | 41 | 64.7 | 1.76 | |
| Agua Caliente..... | 101 | 34 | 69.3 | 0.00 | | Perry..... | 87 | 33 | 58.8 | 2.11 | | Mohave..... | 90 | 32 | 61.0 | 0.00 | |
| Allaire Ranch..... | | | | 0.00 | | Pinebluff..... | 84 | 32 | 57.8 | 4.96 | | Mokelumne Hill..... | ..... | ..... | 3.51 | | |
| Arizona Canal Co's Dam..... | 97 | 38 | 69.7 | 0.00 | | Pocahontas..... | 82 | 30 | 54.3 | 5.97 | | Montague..... | 88 | 23 | 48.5 | 3.00 | |
| Aztec..... | 102 | 42 | 74.7 | 0.00 | | Pond..... | 78 | 24 | 53.2 | 3.16 | | Monterio..... | 82 | 28 | 54.0 | 1.60 | |
| Benson..... | 88 | 34 | 60.8 | 0.00 | | Prescott..... | 83 ^t | 35 ^t | 58.8 ^t | 5.16 | | Monterey*1..... | 86 | 38 | 54.5 | 2.27 | |
| Bisbee..... | 87 ^t | 36 ^t | 62.8 ^t | 0.00 | | Princeton..... | 88 | 30 | 59.4 | 4.70 | | Mount St. Helena..... | 88 | 35 | 54.8 | 5.19 | 1.5 |
| Blue..... | 85 | 22 | 54.2 | 0.00 | | Rison..... | 84 | 29 | 56.4 | 3.82 | | Napa..... | 88 | 34 | 54.8 | 1.70 | |
| Bowie..... | 91 | 32 | 60.8 | 0.00 | | Russellville..... | 82 | 31 | 55.5 | 3.71 | | Needles..... | 99 | 45 | 75.1 | 0.00 | |
| Buckeye..... | 95 | 46 | 70.5 | 0.00 | | Silversprings..... | 78 | 32 | 53.6 | 2.97 | | Nellie..... | ..... | ..... | 2.50 | 0.5 | 12.0 |
| Casagrande..... | 104 | 37 | 69.6 | 0.00 | | Spielerville..... | 82 | 38 | 58.0 | 2.89 | | Nevada City | | | | | |

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

| Stations. | Temperature. (Fahrenheit.) | | | Precipita- | Stations. | Temperature. (Fahrenheit.) | | | Precipita- | Stations. | Temperature. (Fahrenheit.) | | | Precipita- | | | |
|--------------------------------|-------------------------------|----------|-------|--------------------------|-----------|-------------------------------|--|-------|--------------------------|-----------|-------------------------------|----------|---------------------|--------------------------|-------------------------|-------------------|------|
| | Maximum. | Minimum. | Mean. | Rain and melted snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | |
| <i>California—Cont'd.</i> | | | | | | | | | | | | | | | | | |
| Represa..... | 74 | 40 | 56.7 | In. | 2.13 | In. | Leroy..... | 79 | 18 | 45.6 | 1.99 | 5.5 | Florida—Cont'd. | 94 | 42 | 70.2 | In. |
| Rio Vista..... | 83 | 38 | 57.8 | 1.62 | | | Longs Peak..... | 61 | 1 | 34.6 | 0.87 | 5.0 | Orange City..... | 94 | 42 | 70.2 | 2.01 |
| Riverside..... | 93 | 33 | 59.4 | 0.58 | | | Mancos..... | 76 | 17 | 46.2 | 0.44 | | Orange Home..... | 90* | 42* | 69.9* | 1.44 |
| Rohnerville..... | | | | 5.83 | | | Marshall Pass..... | 55 | 16 | 32.8 | 0.17 | 1.0 | Orlando..... | 92 | 49 | 71.0 | 2.20 |
| Rosewood..... | 89 | 33 | 55.2 | 4.35 | | | Meeker..... | 75 | 17 | 44.2 | 0.75 | | Pine mount..... | 89 | 40 | 66.0 | 0.91 |
| Sacramento..... | 94 | 38 | 59.0 | 1.35 | | | Montrose..... | 77 | 21 | 40.6 | 0.03 | | Plant City..... | | | | 1.55 |
| Salinas..... | 93 | 36 | 57.3 | 1.73 | | | Moraine..... | 67 | 11 | 39.2 | 0.40 | 3.0 | Rockwell..... | 94 | 46 | 69.7 | 1.15 |
| Salton..... | 105 | 40 | 71.8 | 0.00 | | | Pagoda..... | 74 | 11 | 45.8 | 0.82 | 8.0 | St. Andrews..... | 84 | 40 | 64.6 | 3.13 |
| San Bernardino..... | 97 | 31 | 59.4 | 0.80 | | | Parachute..... | 81 | 26 | 51.3 | 1.04 | 3.0 | St. Augustine..... | 88 | 43 | 66.8 | 1.40 |
| San Jacinto..... | | | | 0.84 | | | Platte Canon..... | | | | | | St. Leo..... | 91 | 47 | 69.6 | 1.50 |
| San Jose..... | 92 | 37 | 58.7 | 1.74 | | | Rockyford..... | 88 | 20 | 51.1 | 0.81 | | Stephensville..... | 88 | 39 | 65.4 | 1.26 |
| San Leandro..... | 87 | 37 | 56.8 | 2.28 | | | Ruby..... | | | | | | Summer..... | 88 | 40 | 65.6 | 2.45 |
| San Mateo* ¹ | 90 | 44 | 61.0 | 1.10 | | | Saguache..... | 72 | 9 | 44.0 | T. | | Switzerland..... | 87 | 44 | 66.6* | 1.46 |
| San Miguel* ¹ | 90 | 38 | 57.7 | 0.87 | | | Salida..... | 73 | 17 | 44.8 | 1.69 | | Tallahassee..... | 83 | 45 | 66.8 | 1.65 |
| San Miguel Island..... | | | | 1.35 | | | San Luis..... | 77 | 9 | 43.0 | 0.50 | 6.0 | Tarpon Springs..... | 89 | 49 | 69.2 | 1.14 |
| San Rafael..... | 87 | 37 | 56.6 | 1.05 | | | Santa Clara..... | 76 | 11 | 43.6 | 2.24 | 9.5 | Titusville..... | 91 | 47 | 70.2 | 1.81 |
| Santa Barbara..... | 88 | 39 | 58.4 | 1.89 | | | Silt..... | 78 | 21 | 48.9 | 0.87 | 2.5 | Waushau..... | 87 | 40 | 65.7 | 2.00 |
| Santa Clara College..... | 91 | 34 | 56.6 | 1.75 | | | Sugar City..... | | | | | | Wewahitchka..... | 87 | 44 | 65.7 | 2.48 |
| Santa Cruz..... | 92 | 33 | 55.0 | 3.14 | | | Sugar Loaf..... | | | | | | <i>Georgia.</i> | | | | |
| Santa Maria..... | 95 | 38 | 60.0 | 1.73 | | | Trinidad..... | 81 | 20 | 52.4 | 1.17 | | Abbeville..... | | | | |
| Santa Monica..... | 85 | 41 | 58.4 | 1.51 | | | Victor..... | 61 | 10 | 38.2 | 0.29 | 3.5 | Adeaville..... | 80 ^b | 31 ^c | 56.6 ^c | 2.80 |
| Santa Rosa..... | 86 | 32 | 54.0 | 2.99 | | | Vilas..... | | | | | | Albany..... | 87 ^d | 38 ^d | 62.9 ^e | 1.45 |
| Sausalito..... | | | | 2.65 | | | Wagon Wheel..... | 66 | 11 | 37.2 | | | Americus..... | 84 | 38 | 60.8 | 1.97 |
| Shasta..... | 97 | 35 | 59.0 | 7.84 | | | Wallet..... | | | | | | Athens..... | 82 | 34 | 56.0 | 1.69 |
| Sierra Madre..... | 89 | 40 | 59.7 | 1.28 | | | Waterdale..... | 82 | 16 | 48.3 | 0.68 | | Bainbridge..... | 88 ^f | 40 | 66.8 | 2.49 |
| Sisson..... | 90 | 22 | 46.8 | 4.89 | 10.0 | | Westclifft..... | 68 | 1 | 40.3 | 0.35 | 12.0 | Blakely..... | 91 | 40 | 65.4 | 1.43 |
| Sneden..... | | | | 0.90 | | | Whitepine..... | 58 | -3 | 32.6 | 1.04 | 14.0 | Bowersville..... | 82 | 31 | 56.7 | 1.47 |
| Sonoma..... | | | | 1.62 | | | Wray..... | 84 | 25 | 49.4 | 2.46 | T. | Butler..... | | | | |
| Sonora..... | 83 | 36 | 57.6 | 3.91 | T. | | Yuma..... | | | | | | Canak..... | 86 | 30 | 59.6 | 0.45 |
| Stirling City..... | 85 | 24 | 47.8 | 7.01 | 15.5 | | <i>Connecticut.</i> | | | | | | Canton..... | | | | 2.61 |
| Stockton..... | 84 | 36 | 55.6 | 1.81 | | | Bridgeport..... | 72 | 24 | 45.6 | 5.83 | T. | Carlton..... | | | | 2.48 |
| Storey..... | 88 | 31 | 57.9 | 0.90 | | | Canton..... | 74 | 18 | 42.4 | 5.08 | 3.0 | Clayton..... | 78 | 23 | 52.8 | 2.85 |
| Sumnerdale..... | 77 | 15 | 44.3 | 5.37 | 17.0 | | Colchester..... | 75 | 20 | 44.2 | 8.32 | 0.5 | Columbus..... | 85 ^g | 38 ^g | 62.8 ^g | 0.99 |
| Summit..... | 48 | 24 | 34.0 | 3.90 | 39.0 | | Falls Village..... | | | | | | Cordele..... | 86 | 39 | 61.6 | 1.64 |
| Susanville..... | 78 | 23 | 46.0 | 0.86 | 1.0 | | Hartford..... | 74 | 24 | 44.2 | 5.88 | 1.5 | Covington..... | 86 | 33 | 58.2 | 2.30 |
| Tebana* ¹ | 83 | 44 | 58.9 | 2.19 | | | Hawleyville..... | 74 | 20 | 44.2 | 4.60 | 1.0 | Dalhornege..... | 77 | 29 | 53.4 | 2.55 |
| Tejon Ranch..... | 92 | 40 | 60.4 | 1.13 | | | Lake Konomoc..... | | | | | | Dawson..... | 87 | 36 | 63.1 | 1.73 |
| Truckee* ¹ | 68 | 24 | 41.0 | 0.00 | 9.0 | | New London..... | 68 | 25 | 44.2 | 4.87 | T. | Diamond..... | 82 ^h | 24 | 54.9 | 3.18 |
| Tulare c..... | 96 | 34 | 60.0 | 0.86 | | | North Grosvenor Dale..... | 74 | 20 | 44.1 | 7.62 | | Douglas..... | 89 | 41 | 65.3 | 1.62 |
| Tustin..... | | | | 0.82 | | | Norwalk..... | 76 | 21 | 44.6 | 4.22 | 0.3 | Dublin..... | 86 | 34 | 61.6 | 1.08 |
| Ukiah..... | 92 | 30 | 54.4 | 3.10 | | | Southington..... | 75 | 21 | 44.8 | 5.20 | 0.5 | Dudley..... | | | | 1.26 |
| Upland..... | 90 | 34 | 57.6 | 1.77 | | | South Manchester..... | | | | | | Eastman..... | 84 | 35 | 59.4 | 1.19 |
| Upper Lake..... | 92 | 28 | 52.6 | 2.77 | T. | | Storrs..... | 72 | 21 | 43.0 | 6.40 | 1.5 | Elenton..... | 82 | 33 | 58.0 | 2.55 |
| Upper Mattole..... | | | | 8.13 | | | Voluntown..... | 71 | 20 | 44.4 | 6.92 | 1.2 | Experiment..... | 81 | 33 | 57.6 | 2.07 |
| Vacaville* ¹ | 86 | 43 | 58.1 | 1.49 | | | Waterbury..... | 77 | 21 | 45.0 | 4.50 | T. | Fleming..... | 90 | 35 | 63.0 | 1.16 |
| Visalia..... | 92 | 32 | 59.6 | 0.85 | | | West Cornwall..... | 72 | 16 | 40.6 | 3.12 | 8.4 | Fort Gaines..... | 86 | 39 | 62.6 | 2.02 |
| Volcano..... | 105 | 38 | 71.0 | 0.00 | | | West Simsbury..... | | | | | | Gainesville..... | 78 | 39 | 64.0 | 1.49 |
| Wasco..... | 97 | 34 | 60.3 | 0.75 | | | <i>Delaware.</i> | | | | | | Gillsville..... | 84 | 30 | 56.5 | 1.77 |
| Wheatland..... | 83 | 36 | 57.4 | 0.99 | | | Delaware City..... | | | | | | Greenbush..... | 86 | 29 | 56.8 | 1.94 |
| Willits..... | 96 | 29 | 56.3 | 4.43 | T. | | Milford..... | | | | | | Greensboro..... | 85 | 30 | 57.6 | 1.16 |
| Willow..... | 84 | 36 | 56.8 | 1.59 | | | Millsboro..... | 83 | 26 | 50.4 | 3.30 | | Griffith..... | 84 | 33 | 58.5 | 1.88 |
| Yosemite..... | | | | 4.88 | 17.5 | | Newark..... | 79 | 24 | 48.1 | 1.94 | | Harrison..... | 86 | 32 | 60.8 | 1.05 |
| Zenia..... | 83 | 22 | 47.2 | 7.40 | 8.0 | | Seaford..... | 77 | 26 | 48.4 | 1.95 | | Hawkinsville..... | 87 | 34 | 61.0 | 0.69 |
| <i>Colorado.</i> | | | | | | | <i>District of Columbia.</i> | | | | | | Jesup..... | 90 | 37 | 64.2 | 1.05 |
| Alford..... | 74 | 14 | 42.7 | 0.82 | 4.8 | | Distributing Reservoir* ⁵ | 79 | 30 | 50.0 | 3.14 | | Lost Mountain..... | 83 | 27 | 56.2 | 1.41 |
| Antelope Springs..... | 65 | 5 | 37.2 | 0.22 | 2.8 | | Receiving Reservoir* ⁵ | 67 | 29 | 51.0 | 3.40 | | Louisville..... | 84 | 34 | 60.2 | 0.88 |
| Ashcroft..... | 64 | 5 | 35.1 | 1.67 | 10.0 | | West Washington..... | 82 | 27 | 50.4 | 4.07 | T. | Lumpkin..... | 88 | 37 | 63.4 | 1.38 |
| Blaine..... | 84 | 19 | 49.1 | 0.41 | | | <i>Florida.</i> | | | | | | Marshallville..... | 84 | 38 | 59.3 | 1.68 |
| Boulder..... | 77 | 22 | 49.4 | 1.45 | 1.0 | | Apalachicola..... | 83 | 47 | 67.1 | 2.51 | | Mauzy..... | 93 | 40 | 65.9 | 1.80 |
| Breckenridge..... | 63 | 7 | 34.3 | 1.39 | 17.5 | | Archer..... | 88 | 44 | 67.2 | 1.14 | | Milledgeville..... | 87 | 34 | 60.1 | 1.09 |
| Buenavista..... | | | | 1.35 | | | Avon Park..... | 91 | 48 | 71.8 | 2.42 | | Millen..... | 86 | 34 | 61.3 | 1.25 |
| Burlington..... | 79 | 11 | 47.6 | 3.15 | | | Bartow..... | 90 | 47 | 71.2 | 2.39 | | Monticello..... | 86 | 33 | 59.0 | 1.47 |
| Canyon..... | 82 | 19 | 51.6 | 0.29 | 3.0 | | Bonifay..... | 85 | 43 | 65.6 | 2.98 | | Morgan..... | 85 | 40 | 62.0 | 1.74 |
| Casterrock..... | 77 | 14 | 45.4 | 0.73 | | | Brooksville..... | 92 | 47 | 69.0 | 1.30 | | Newman..... | 84 | 30 | 57.5 | 1.37 |
| Cheeseman..... | 75 | 16 | 46.0 | 0.92 | 3.2 | | Carrabelle..... | 89 | 44 | 67.5 | 1.90 | | Oakdale..... | | | | 1.76 |
| Cheyenne Wells..... | 79 | 19 | 48.4 | 1.59 | | | Clemont..... | 92 | 50 | 71.8 | 0.97 | | Point Peter..... | 82 | 27 | 56.2 | 2.88 |
| Clearview..... | 62 | 11 | 35.7 | 1.93 | 21.5 | | De Funiak Springs..... | 85 | 40 | 64.6 | 2.25 | | Poulan..... | 87 | 37 | 62.4 | 1.86 |
| Colbran..... | 80 | 20 | 48.6 | 0.99 | 5.5 | | Deland..... | 88 | 45 | 68.0 | ..... |  | Putnam..... | 86 | 35 | 61.3 | 1.63 |
| Colorado Springs..... | 73 | 17 | 45.6 | 0.98 | 0.3 | | Huntington..... | 92 | 49 | 71.4 | 3.88 | | Quitman..... | 87 | 41 | 65.4 | 1.33 |
| Columbine Mine..... | 53 | 6 | 29.8 | 1.10 | 20.0 | | Hypoluxo..... | 88 | 53 | 72.2 | 1.30 | | Ramsey..... | 77 | 27 | 55.6 | 2.87 |
| Conejos..... | 72 | 10 | 44.0 | 0.00 | | | Inverness* ⁴ | 91 | 45 | 69.0 | 1.35 | | Resaca..... | | | | 2.27 |
| Cripple Creek..... | | | | 0.18 | | | Jasper..... | 89 | 41 | 65.8 | 0.62 | | Rome..... | 85 | 30 | 56.7 | 3.18 |
| Delta..... | 90 ^a | 19 | 52.8 | T. | T. | | Johnstown..... | 89 | 41 | 65.3 | 2.56 | | St. Marys..... | 92 | 41 | 65.4 | 0.60 |
| Durango..... | 77 | 20 | 48.4 | 0.56 | | | Kissimmee..... | 88 | 48 | 69.6 | 2.25 | | Tabbott..... | 84 | 32 | 59.7 | 1.88 |
| Fort Collins..... | 89 | 14 | 46.2 | 0.89 | | | Lake City..... | 89 | 41 | 66.0 | 0.97 | | Tallapoosa..... | 85 | 28 | 56.4 | 1.35 |
| Fort Morgan..... | 80 | 18 | 47.8 | 1.65 | 3.5 | | Macdeuny..... | 92 | 38 | 65.8 | 1.08 | | Thomassville..... | 88 | 41 | 65.2 | 1.81 |
| Fowler..... | | | | 0.93 | | | Madison..... | 88</ | | | | | | | | | |

MONTHLY WEATHER REVIEW.

APRIL, 1904

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

| Stations. | Temperature, (Fahrenheit.) | | | Precipita-tion. | | Stations. | Temperature, (Fahrenheit.) | | | Precipita-tion. | | Stations. | Temperature, (Fahrenheit.) | | | Precipita-tion. | | |
|----------------------|----------------------------|-----------------|-------------------|-----------------------|----------------------|-----------------------------|----------------------------|-----------------|-------------------|-----------------------|----------------------|-------------------------|----------------------------|-----------------|-------------------|-----------------------|----------------------|------|
| | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | |
| <i>Idaho—Cont'd.</i> | ° | ° | ° | Ins. | Ins. | 3.0 | <i>Illinois—Cont'd.</i> | ° | ° | ° | Ins. | Ins. | <i>Iowa—Cont'd.</i> | ° | ° | ° | Ins. | Ins. |
| Malad City..... | 79 | 23 | 47.8 | 2.07 | 3.0 | Tilden | 78 | 20 | 50.0 | 4.62 | 8.0 | Alta | 75 | 20 | 41.6 | 4.44 | T. | |
| Meadows..... | 75 | 13 | 41.8 | 1.44 | | Tiskilwa | 81 | 21 | 46.2 | 3.32 | 0.1 | Amana | 79 | 23 | 45.0 | 4.22 | 0.1 | |
| Moscow..... | 79 | 28 | 49.2 | 1.21 | | Tuscola | 81 | 21 | 46.2 | 4.73 | T. | Atlantic | 77 | 22 | 45.0 | 4.19 | T. | |
| Murray..... | 77 | 19 | 45.2 | 0.45 | T. | Urbana | 80 | 22 | 45.2 | 3.97 | T. | Audubon | 76 | 21 | 43.7 | 3.44 | 1.5 | |
| Oakley..... | 83 | 21 | 48.2 | 0.96 | 5.0 | Walnut | 83 | 23 | 45.8 | 1.69 | 0.4 | Baxter | 78 | 20 | 44.4 | 5.03 | 0.8 | |
| Ola..... | 81 | 26 | 49.8 | 1.29 | | Winchester | 82 | 25 | 47.4 | 5.57 | T. | Bedford | 76 | 21 | 45.0 | 5.62 | 0.8 | |
| Orofino..... | 85 | 27 | 51.0 | 1.60 | | Windsor | 81 | 23 | 47.4 | 3.42 | T. | Belpoint | 80 | 27 | 45.6 | 4.51 | | |
| Paris..... | 68 | 0 | 31.8 | | | Winnebago | 81 | 19 | 42.9 | 3.41 | 2.5 | Belleplaine | 78 | 21 | 42.9 | 3.14 | 1.6 | |
| Payette..... | 84 | 28 | 52.8 | 1.54 | | Zion | 80 | 19 | 42.8 | 3.12 | 4.0 | Bonaparte | 83 | 24 | 46.0 | 3.36 | 1.5 | |
| Pollock..... | 83 | 29 | 52.0 | 1.74 | | <i>Indiana.</i> | | | | | | Britt | 73 | 21 | 42.2 | 3.05 | 2.0 | |
| Porthill..... | 73 | 24 | 47.2 | 1.08 | | Anderson | 77 | 22 | 46.0 | 5.64 | 0.5 | Buckingham | | | | | | |
| Priest River | 77 | 20 | 44.0 | 1.44 | | Angola | 75 | 18 | 43.0 | 2.71 | 0.8 | Burlington | 83 | 26 | 47.2 | 3.28 | | |
| Riddle..... | 70 | 19 | 40.0 | 1.57 | 7.0 | Auburn | 77 ^a | 20 ^b | 43.3 ^c | 2.86 | | Carroll | 78 | 19 | 43.0 | 3.43 | 1.0 | |
| Roosevelt | 47 | -8 | 22.8 | 4.93 | 44.5 | Bloomington | | | | | | Cedar Rapids | 80 | 23 | 44.5 | 1.85 | | |
| St. Maries..... | 85 | 26 | 49.0 | 2.03 | | Bluffton | 78 | 20 | 45.1 | 3.30 | 1.0 | Chariton | 75 | 23 | 45.0 | 4.66 | 1.0 | |
| Soldier..... | 62 | 0 | 33.3 | 0.79 | 3.5 | Butlerville | 79 | 25 | 48.2 | 2.97 | T. | Charles City | 75 | 20 | 42.0 | 1.95 | 2.0 | |
| Vernon..... | 74 | 10 | 40.6 | 1.33 | | Cambridge City | 77 | 21 | 44.6 | 4.33 | T. | Clarinda | 75 | 23 | 44.8 | 4.89 | 1.0 | |
| Weston..... | 80 | 21 | 47.2 | 1.27 | 2.0 | Connersville | 81 | 22 | 46.8 | 2.97 | T. | Clearlake | 76 | 18 | 43.4 | 2.15 | 2.0 | |
| <i>Illinois.</i> | | | | | | Delphi | 81 | 22 | 45.0 | 5.22 | 0.5 | Clinton | 83 | 21 | 44.8 | 3.40 | T. | |
| Albion..... | 83 | 27 | 50.2 | 2.82 | 2.0 | Elkhart | 78 | 22 | 43.2 | 2.02 | | College Springs | 77 ^a | 24 ^b | 46.8 ^c | 4.74 | 1.0 | |
| Aledo..... | 81 | 23 | 45.8 | 1.95 | 0.5 | Farmersburg | 79 | 25 | 48.5 | 2.42 | | Columbus Junction | 82 | 23 | 45.2 | 2.91 | 0.2 | |
| Alexander | 83 | 24 | 47.5 | 5.26 | T. | Farmland | 77 | 22 | 44.4 | 5.36 | | Corning | 75 | 23 | 44.2 | 5.15 | 2.0 | |
| Antioch..... | 82 | 18 | 40.3 | 2.20 | | Fort Wayne | 80 | 20 | 45.0 | 4.32 | T. | Corydon | 78 | 18 | 45.8 | 4.68 | 2.0 | |
| Ashton..... | 80 | 20 | 42.8 | 3.10 | 2.5 | Franklin ^a | 87 | 31 | 49.3 | 1.66 | | Cresco | 73 | 18 | 40.6 | 2.95 | | |
| Astoria..... | 82 | 23 | 46.2 | 4.35 | 3.0 | Franklin ^b | 77 | 24 | 46.3 | 5.87 | 0.4 | Cumberland | | | | | | |
| Aurora..... | 81 | 20 | 42.4 | 4.21 | T. | Greencastle | 73 | 24 | 45.9 | 2.14 | | Decorah | 77 | 21 | 43.4 | 2.16 | 0.5 | |
| Beardstown | | | | 4.95 | | Greenfield | 80 | 25 | 42.4 | 3.64 | | Delaware | 79 | 19 | 42.4 | 1.93 | 1.0 | |
| Benton..... | 80 | 24 | 52.2 | 4.01 | 4.0 | Greensburg | 80 | 22 | 47.5 | 2.65 | T. | Denison | 74 | 17 | 42.6 | 2.20 | 1.0 | |
| Bloomington | 86 | 23 | 47.1 | 4.45 | T. | Hannond | 76 | 20 | 44.6 | 5.55 | T. | Pesoto | 77 | 22 | 45.4 | 5.56 | T. | |
| Bushnell..... | 87 | 26 | 48.6 | 3.04 | | Hector | 76 | 20 | 44.6 | 2.97 | T. | Dows | 74 | 18 | 42.6 | 2.30 | 0.5 | |
| Cambridge..... | 82 | 23 | 44.4 | 1.84 | 3.5 | Holland | 83 | 21 | 51.6 | 3.36 | T. | Earlham | 73 | 18 | 41.4 | 7.64 | 2.0 | |
| Carlinville | 80 | 24 | 48.2 | 6.88 | 1.0 | Huntington | 77 | 20 | 43.6 | 4.45 | T. | Elkader | 79 | 19 | 43.8 | 1.52 | 1.0 | |
| Carrollton | 79 | 27 | 48.8 | 7.34 | 4.0 | Jeffersonsville | 80 | 20 | 50.8 | 3.11 | T. | Esterhizer | 76 | 20 | 40.9 | 3.34 | T. | |
| Charleston | 81 | 24 | 48.2 | 4.54 | | Kokomo | 80 | 23 | 45.6 | 3.46 | 0.2 | Fayette | 76 | 18 | 41.6 | 2.33 | 1.5 | |
| Chester..... | | | | 5.47 | 14.4 | Lafayette | 79 | 23 | 45.4 | 3.82 | 0.8 | Flore | 80 ^a | 18 ^b | 43.4 ^c | 2.51 | 0.3 | |
| Cisne..... | 82 | 26 | 50.4 | 2.86 | 3.0 | Laporte | 79 | 22 | 43.2 | 1.37 | T. | Forest City | 86 | 21 | 42.4 | 2.35 | 1.0 | |
| Coatsburg | 83 | 26 | 46.4 | 6.44 | 2.5 | Logansport | 81 | 21 | 45.0 | 3.99 | 0.8 | Fort Dodge | 76 | 21 | 42.1 | 4.66 | T. | |
| Cobden..... | 80 | 30 | 52.2 | 4.28 | 2.0 | Madison ^a | 83 | 25 | 50.6 | 2.62 | 0.8 | Fort Madison | | | | | | |
| Danville | 82 | 22 | 48.1 | 3.05 | T. | Madison ^b | | | | | | Galva | 75 | 15 | 41.4 | 3.63 | 1.5 | |
| Decatur | 82 | 24 | 47.4 | 3.39 | T. | Marengo | 82 | 24 | 49.4 | 2.80 | | Gilmian | | | | | | |
| Dixon..... | 83 | 13 | 42.8 | 2.29 | 1.0 | Marion | 89 | 21 | 45.1 | 4.30 | 0.5 | Glenwood | 76 | 22 | 46.5 | 3.50 | T. | |
| Effingham | 80 | 26 | 48.7 | 1.20 | T. | Markle | 77 | 18 | 44.5 | 5.30 | T. | Grand Meadow | 73 | 19 | 42.2 | 2.78 | 0.8 | |
| Equality | 82 | 24 | 50.6 | 4.09 | 4.0 | Mauzy | 78 | 21 | 45.3 | 3.39 | 1.2 | Greenfield | 75 | 21 | 44.6 | 5.28 | 4.6 | |
| Fandon | 81 | 26 | 46.6 | 4.45 | 5.2 | Moores Hill | 79 | 24 | 47.5 | 2.44 | T. | Grinnell | 73 | 21 | 44.6 | 5.93 | T. | |
| Flora | 80 | 28 ^a | 49.0 | 2.45 | 0.4 | Mount Vernon | 73 | 23 | 49.6 | 4.61 | 8.8 | Grundy Center | 75 | 18 | 43.8 | 2.28 | | |
| Friendsgrove | 80 | 29 | 50.1 | 2.97 | T. | Northfield | 78 | 19 | 44.5 | 2.77 | T. | Guthrie Center | 81 | 20 | 47.3 | 3.72 | | |
| Galva | 84 | 22 | 44.2 | 2.60 | 3.8 | Paoli | 82 | 24 | 49.8 | 2.45 | T. | Hampton | 80 | 21 | 44.2 | 2.59 | 0.8 | |
| Grafton | | | | 5.16 | 6.4 | Princeton | 80 | 28 | 50.0 | 2.86 | 1.0 | Hamontown | 72 | 21 | 41.6 | 4.48 | 2.8 | |
| Greenville | 80 | 27 | 49.6 | 4.19 | 4.5 | Rensselaer | 77 | 23 | 44.8 | 4.25 | 0.5 | Harlan | 74 | 20 | 43.6 | 3.20 | 1.0 | |
| Griggsville | 80 | 21 | 48.6 | 5.92 | | Shelbyville | 79 | 26 | 47.7 | 2.18 | | Hopewell | 75 | 23 | 45.0 | 3.50 | T. | |
| Halfway | 78 | 23 | 50.9 | 4.50 | 3.0 | South Bend | 78 | 18 | 41.3 | 2.92 | | Humboldt | 76 | 18 | 43.7 | 3.45 | | |
| Havana | 83 | 23 | 47.4 | 4.03 | T. | Syracuse | 78 | 19 | 43.6 | 3.76 | T. | Ida Grove | 74 | 19 | 43.2 | 4.35 | T. | |
| Henry | 83 | 21 | 46.0 | 3.51 | T. | Terre Haute | 78 | 28 | 51.4 | 5.00 | T. | Independence | 75 | 19 | 42.7 | 2.15 | 2.0 | |
| Hillsboro | 81 | 24 | 47.0 | 5.05 | 2.0 | Topeka | 76 | 20 | 44.2 | 1.58 | T. | Indianapolis | 74 | 21 | 45.4 | 7.98 | 0.5 | |
| Hoopston | | | | 2.61 | 1.0 | Valparaiso | 79 | 23 | 44.2 | 4.67 | 0.5 | Inwood | 75 ^a | 22 ^b | 42.3 | 2.40 | 3.5 | |
| Joliet | 80 | 23 | 43.4 | 3.81 | 0.8 | Veederburg | 80 ^a | 25 ^b | 48.6 ^c | 2.46 | T. | Iowa City | 82 | 23 | 44.3 | 5.49 | T. | |
| Kishwaukee | 82 | 22 | 49.1 | 3.93 | 7.0 | Vevay | 78 | 27 | 49.7 | 1.55 | 0.5 | Iowa Falls | 74 | 22 | 42.6 | 2.40 | 1.3 | |
| Knoxville | 82 | 18 | 43.5 | 2.84 | 0.5 | Vincennes | 83 | 28 | 50.2 | 1.96 | T. | Jefferson | | | | | | |
| Lagrange | 81 | 21 | 42.4 | 2.02 | T. | Washington | 80 | 26 | 48.0 | 3.11 | T. | Kenosha | 76 | 23 | 46.2 | 5.54 | | |
| Laharpe | 82 | 25 | 46.2 | 2.85 | T. | Winamac | 78 | 22 | 44.4 | 4.68 | T. | Lacoma | | | | | | |
| Lanark | 84 | 16 | 43.6 | 3.08 | 5.0 | Worthington | 82 | 25 | 50.4 | 2.00 | T. | Larrabee | 79 | 17 | 42.6 | 3.12 | 0.2 | |
| La Salle | 84 | 20 | 45.4 | 2.86 | T. | <i>Indian Territory.</i> | | | | | | Leclaire | | | | | | |
| Loami | | | | 4.46 | | Ardmore | 90 | 32 | 61.0 | 2.19 | | Leemars | 76 | 17 | 42.7 | 3.50 | 2.0 | |
| McLeanboro | 79 | 22 | 49.1 | 3.93 | 7.0 | Chickasha | 95 | 29 | 61.6 | 1.44 | | Leinox | 78 | 22 | 44.8 | 4.94 | 3.0 | |
| Martinsville | 82 ^a | 23 ^b | 48.4 ^a | 0.95 | | Clarendon | 85 | 32 | 59.1 | 2.68 | | Leon | 78 | 24 | 45.6 | 5.01 | 6.5 | |
| Martinton | 80 | 22 | 45.6 | 3.26 | T. | Coalgate | 91 | 33 | 50.4 | 2.40 | | Logan | 78 | 22 | 46.0 | 2.95 | | |
| Mascoutah | 78 | 21 | 47.4 | 4.11 | 6.0 | Durant | 88 | 36 | 61.0 | 2.76 | | Maple Valley | | | | | | |
| Mattoon | 80 | 28 | 50.9 | 2.77 | T. | Fairland | 80 | 32 | 54.4 | 3.64 | | Maquoketa | 80 | 20 | 43.3 | 2.99 | | |
| Minonk | 82 | 23 | 44.4 | 2.75 | 1.5 | Goodwater | 87 | 32 | 59.9 | 3.56 | | Marshalltown | 77 | 20 | 43.7 | 3.60 | | |
| Monmouth | 83 | 23 | 45.4 | 2.51 | 8.0 | Hartshorne | 82 | 33 | 58.8 | 3.68 | | Mason City | 75 | 23 | 43.2 | 2.32 | 1.0 | |
| Morrison | 79 | 21 | 44.3 | 3.18 | 4.5 | Healdton | 91 | 31 | 63.1 | 4.09 | | Mount Pleasant | 78 | 23 | 46.2 | 4.52 | | |

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

| Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | | | | | | | | | | | |
|------------------|-------------------------------|----------|-------|--------------------------|-------------------------|-------------------|-------------------------------|----------|-------|--------------------------|-------------------------|-------------------------|-------------------------------|----------|-------|--------------------------|-------------------------|--|--|--|--|--|--|--|--|--|--|
| | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | | | | | | | | | |
| Iowa—Cont'd. | | | | | | Kansas—Cont'd. | | | | | | Maine—Cont'd. | | | | | | | | | | | | | | | |
| Spirit Lake | ° | ° | ° | Ins. | Ins. | Winfield | ° | ° | ° | Ins. | Ins. | Danforth | ° | ° | ° | Ins. | Ins. | | | | | | | | | | |
| Stockport | 80° | 21° | 44.8° | 2.07 | 3.10 | Yates Center | 81 | 29 | 53.6 | 2.01 | 5.75 | Fairfield | 62 | 16 | 40.6 | 2.86 | 4.0 | | | | | | | | | | |
| Storm Lake | 74 | 19 | 41.2 | 3.26 | | Alpha | 77 | 30 | 52.8 | 2.44 | 8.0 | Farmington | 64 | 13 | 39.9 | 6.36 | 12.5 | | | | | | | | | | |
| Stuart | 75 | 25 | 46.6 | 5.89 | | Anchorage | 81 | 25 | 49.9 | 2.41 | 2.0 | Fort Fairfield | 69 | 5 | 38.9 | 1.35 | T. | | | | | | | | | | |
| Thurman | 76 | 23 | 44.8 | 6.10 | | Bardstown | 84 | 25 | 50.8 | 2.13 | | Gardiner | 63 | 11 | 40.3 | 7.10 | 11.0 | | | | | | | | | | |
| Tipton | 78 | 23 | 46.1 | 4.22 | T. | Beattyville | 82 | 20 | 49.0 | 2.35 | T. | Grant Farm | | | | 1.30 | | | | | | | | | | | |
| Toledo | 78 | 20 | 45.2 | 3.14 | T. | Beaver Dam | 82 | 25 | 49.9 | 2.45 | 3.5 | Houston | 68 | 19 | 40.0 | 2.80 | | | | | | | | | | | |
| Vinton | 78 | 21 | 45.1 | 1.57 | T. | Berea | 79 | 21 | 51.0 | 2.01 | T. | Kineo | 53° | 17° | 36.5° | 1.54° | | | | | | | | | | | |
| Wapello | 79 | 26 | 47.7 | 2.82 | | Blandville | 79 | 31 | 51.6 | 3.41 | T. | Lewiston | 63 | 20 | 40.8 | 6.73 | 16.0 | | | | | | | | | | |
| Washington | 81 | 22 | 46.3 | 2.74 | | Bowling Green | 82 | 25 | 52.0 | 2.46 | 5.0 | Madison | 62 | 18 | 41.8 | 7.63 | 6.5 | | | | | | | | | | |
| Washta | | | | 3.45 | 2.0 | Burnside | 82 | 25 | 53.4 | 2.89 | 2.0 | Mayfield | 58 | 13 | 38.2 | 3.42 | 12.0 | | | | | | | | | | |
| Waterloo | 74 | 19 | 43.2 | 2.74 | 0.5 | Cadiz | 85 | 30 | 52.2 | 2.86 | | Millinocket | 66 | 16 | 39.5 | 2.82 | 4.0 | | | | | | | | | | |
| Waukeee | 80 | 21 | 46.2 | 4.71 | 0.5 | Calhoun | 82 | 24 | 52.5 | 2.54 | 5.0 | North Bridgton | 64 | 15 | 40.4 | 5.90 | 14.0 | | | | | | | | | | |
| Waverly | 73 | 21 | 43.6 | 2.33 | 0.9 | Catlettsburg | 78 | 25 | 51.4 | 4.30 | T. | Oquossoc | 58 | 6 | 35.2 | 4.56 | 20.0 | | | | | | | | | | |
| Westbend | 76 | 20 | 43.2 | 3.64 | 1.0 | Earlington | 82 | 27 | 50.8 | 2.95 | 6.0 | Orono | 62 | 16 | 41.0 | 2.31 | 3.5 | | | | | | | | | | |
| Whitten | 75 | 19 | 43.4 | 2.71 | T. | Ebank | 80 | 20 | 49.2 | 2.50 | | Patten | 65 | 9 | 37.8 | 2.90 | 2.0 | | | | | | | | | | |
| Wilton Junction | 75 | 21 | 45.6 | 3.11 | 0.5 | Falmouth | | | | | | Rumford Falls | 63 | 20 | 39.9 | 5.72 | 19.5 | | | | | | | | | | |
| Winterset | 79 | 21 | 45.7 | 6.41 | 0.8 | Fords Ferry | 82 | 27 | 52.0 | 3.12 | | South Lagrange | 66 | 18 | 40.8 | 3.03 | 4.7 | | | | | | | | | | |
| Woodburn | | | | | | Frankfort | 74 | 27 | 50.6 | 2.90 | T. | The Forks | | | | 3.70 | 6.0 | | | | | | | | | | |
| Zearing | 79 | 20 | 43.4 | 3.46 | T. | Franklin | 83 | 30 | 54.8 | | | Thomaston | 60 | 16 | 39.2 | 6.62 | 8.0 | | | | | | | | | | |
| <i>Kansas.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Achilles | 81 | 16 | 49.2 | 2.70 | T. | Greensburg | 84 | 17 | 48.3 | 2.78 | 3.0 | Vanburen | 71 | 0 | 35.0 | 2.21 | | | | | | | | | | | |
| Alton | 79 | 22 | 49.8 | 1.63 | | Hightbridge | 80 | 24 | 50.7 | 1.90 | T. | Vanceboro | 68 | 6 | 38.6 | 2.83 | 3.0 | | | | | | | | | | |
| Anthony | | | | | | Hopkinsville | 81 | 27 | 51.0 | 2.94 | | Winslow | 64 | 17 | 40.6 | 5.38 | 7.0 | | | | | | | | | | |
| Atchison | 76 | 28 | 49.2 | 5.79 | 1.0 | Irvington | 81 | 29 | 52.2 | 2.78 | T. | <i>Maryland.</i> | | | | | | | | | | | | | | | |
| Baker | 74 | 22 | 46.2 | 5.17 | 2.0 | Jackson | 77 | 25 | 51.9 | 2.41 | T. | Annapolis | 76 | 28 | 49.3 | 2.40 | | | | | | | | | | | |
| Beloit | 79 | 24 | 48.0 | 2.21 | | Leitchfield | 79 | 20 | 49.3 | 3.67 | 5.0 | Bachmans Valley | 78 | 24 | 46.4 | 1.52 | | | | | | | | | | | |
| Burlington | 78 | 27 | 50.8 | 4.37 | T. | Loretto | 81 | 19 | 50.2 | 1.96 | | Boettcher | 86 | 22 | 50.0 | 3.40 | | | | | | | | | | | |
| Chapman | 75 | 26 | 51.2 | 3.71 | 1.3 | Manchester | 78 | 24 | 50.6 | 2.70 | T. | Cambridge | 87 | 29 | 52.4 | 2.68 | | | | | | | | | | | |
| Clay Center | 78 | 24 | 50.0 | 3.47 | T. | Mayfield | 82 | 30 | 54.0 | 3.13 | T. | Charlotte Hall | 82° | 25° | 51.9° | 3.15 | | | | | | | | | | | |
| Coffeyville | 88 | 20 | 56.7 | | | Mayfield | 82 | 30 | 54.0 | 3.13 | T. | Chase | 81 | 23 | 48.4 | 3.24 | | | | | | | | | | | |
| Colby | 80 | 29 | 49.4 | 3.78 | 5.0 | Maysville | 76 | 24 | 48.3 | 3.81 | 0.3 | Cheltenham | 80 | 26 | 49.8 | 2.70 | | | | | | | | | | | |
| Columbus | 78 | 28 | 51.6 | 5.55 | 3.0 | Middleboro | 77 | 25 | 51.6 | | | Chestertown | 77 | 28 | 49.2 | 1.99 | | | | | | | | | | | |
| Cunningham | 81 | 26 | 52.6 | 4.33 | | Mount Sterling | 75 | 26 | 48.4 | 3.42 | 1.0 | Chewsville | 81 | 20 | 46.8 | 1.36 | T. | | | | | | | | | | |
| Dresden | 80 | 23 | 48.2 | 2.34 | T. | Owensboro | 82 | 27 | 51.1 | 4.23 | 3.2 | Coleman | 81 | 26 | 50.5 | 2.15 | T. | | | | | | | | | | |
| Eldorado | 79 | 28 | 52.4 | 1.55 | T. | Owenton | 77 | 26 | 48.3 | 2.74 | | Collegepark | 81 | 22 | 48.6 | | | | | | | | | | | | |
| Ellinwood | 81 | 23 | 52.0 | 2.84 | | Paducah a | | | | | | Colora | | | | 2.76 | T. | | | | | | | | | | |
| Emporia | 78 | 27 | 51.6 | 3.15 | T. | Paducah b | 83 | 34 | 53.6 | 3.32 | T. | Cumberland | | | | 2.70 | | | | | | | | | | | |
| Englewood | 92 | 24 | 56.1 | 1.30 | | Princeton | 82 | 29 | 53.6 | 3.44 | 1.5 | Darlington | 83° | 25° | 48.7° | 2.33 | T. | | | | | | | | | | |
| Enterprise | 77 | 27 | 50.8 | 4.34 | | Richmond | 81 | 24 | 50.0 | 3.38 | | Deerpark | 66° | 10° | 39.7° | 3.59 | 4.5 | | | | | | | | | | |
| Eureka | | | | 4.13 | 0.3 | St. John | 79 | 25 | 51.4 | 2.98 | 0.2 | Denton | 74° | 25 | 45.8° | 4.10 | T. | | | | | | | | | | |
| Fall River | 79 | 26 | 52.6 | 5.77 | T. | Scott | 76 | 25 | 48.1 | 2.11 | T. | Easton | 83 | 27 | 51.4 | 2.44 | | | | | | | | | | | |
| Farnsworth | 83 | 19 | 51.2 | 1.10 | T. | Shelby City | 80 | 29 | 49.2 | 2.05 | T. | Frederick | 84 | 25 | 50.3 | 2.32 | 0.0 | | | | | | | | | | |
| Forsha | 89 | 26 | 51.7 | 2.47 | | Shelbyville | 83 | 25 | 49.4 | 2.73 | | Grantsville | 74 | 14 | 42.4 | 2.66 | 3.0 | | | | | | | | | | |
| Fort Leavenworth | 78 | 28 | 50.4 | 5.66 | 2.0 | Taylorville | 81 | 25 | 50.2 | 2.42 | T. | Greatfalls | 84 | 22 | 49.6 | 2.33 | | | | | | | | | | | |
| Fort Scott | 81 | 28 | 50.4 | 10.34 | T. | Williamsburg | 78 | 19 | 49.6 | 2.40 | 2.0 | Greenspring Furnace | 82 | 23 | 48.6 | 2.17 | | | | | | | | | | | |
| Frankfort | 76 | 22 | 48.6 | 5.08 | 2.5 | Williamstown | 77 | 24 | 46.4 | 2.28 | | Hancock | 82 | 21 | 49.0 | 2.74 | | | | | | | | | | | |
| Fredonia | 80 | 29 | 52.6 | 4.60 | 1.0 | <i>Louisiana.</i> | | | | | | | | | | | | | | | | | | | | | |
| Garden City | 84 | 27 | 52.9 | 0.95 | | Abbeville | 88 | 40 | 68.1 | 2.20 | | Harney | | | | 1.98 | | | | | | | | | | | |
| Gove* | 79 | 25 | 48.6 | 1.79 | | Alexandria | 89 | 35 | 65.4 | 3.91 | | Jewell | 89 | 25 | 50.2 | 2.62 | | | | | | | | | | | |
| Grenola | 80 | 27 | 51.6 | 3.74 | T. | Amite | 88 | 37 | 64.6 | 1.80 | | Johns Hopkins Hospital | 81 | 27 | 51.3 | 2.83 | | | | | | | | | | | |
| Harrison | 77 | 24 | 48.0 | 3.01 | | Baton Rouge | 87 | 41 | 66.2 | 2.20 | | Laurel | 83 | 21 | 48.4 | 2.57 | | | | | | | | | | | |
| Hays | 82 | 19 | 49.5 | 0.88 | | Burnside | 87 | 41 | 66.0 | 3.30 | | McDonogh | 80 | 19 | 47.7 | 1.29 | | | | | | | | | | | |
| Holton | 76° | 21° | 48.6° | 4.84 | T. | Cathoun | 85 | 36 | 62.4 | 3.50 | | Mount St. Marys College | 80 | 25 | 48.7 | 2.77 | T. | | | | | | | | | | |
| Horton | 74 | 25 | 47.8 | 5.19 | 2.0 | Cameron | 80 | 43 | 67.1 | 5.39 | | New Market | 80 | 23 | 49.3 | 2.19 | T. | | | | | | | | | | |
| Hoxie | 82 | 22 | 51.3 | 2.06 | | Caspiana | 86 | 40 | 64.3 | 5.61 | | Oakland | 76 | 11 | 43.2 | 2.27 | 3.0 | | | | | | | | | | |
| Hutchinson | 82 | 25 | 50.6 | 3.77 | | Cheneyville | 88 | 38 | 65.1 | 2.63 | | Pocomoke City | 79 | 28 | 52.9 | 1.95 | | | | | | | | | | | |
| Independence | 84 | 32 | 54.2 | 3.44 | T. | Clinton | 86 | 38 | 64.0 | 2.66 | | Prince Fredericktown | 83 | 26 | 51.2 | 2.54 | | | | | | | | | | | |
| Jetmore | 85 | | | 1.57 | | Collinston | 86 | 36 | 61.8 | 3.15 | | Princess Anne | 80 | 28 | 51.2 | 1.57 | T. | | | | | | | | | | |
| La Crosse | 86 | 22 | 51.4 | 1.56 | | Covington | 88 | 40 | 66.9 | 1.73 | | Sharpsburg | 79 | 25 | 48.9 | 2.08 | | | | | | | | | | | |
| Lakin | 88 | 26 | 52.3 | 1.47 | | Donaldsonville | 90 | 40 | 67.3 | 3.30 | | Solomons | 79 | 30 | 51.1 | 1.74 | | | | | | | | | | | |
| Larned | 81 | 15 | 49.8 | 3.02 | | Emilie | 84 | 42 | 65.8 | 3.05 | | Sudlersville | 84 | 27 | 51.4 | 2.57 | T. | | | | | | | | | | |
| Lebanon | 77 | 24 | 49.0 | 1.30 | | Farmerville | 86 | 38 | 61.5 | 3.57 | | Takoma Park | 84 | 24 | 48.6 | 2.63 | T. | | | | | | | | | | |
| Lebo | 78 | 25 | 50.2 | 3.64 | T. | Franklin | 88 | 38 | 67.0 | 1.85 | | Van Bibber | 79 | 27 | 49.3 | 2.39 | T. | | | | | | | | | | |
| Macksville | 83 | 22 | 50.4 | 1.40 | | Grand Coteau | 86 | 40 | 65.5 | 3.42 | | Westernport | 72 | 23 | 47.4 | 2.02 | 1.2 | | | | | | | | | | |
| McPherson | 82 | 28 | 51.6 | 3.39 | T. | Hammoud | 85 | 42 | 65.4 | 1.29 | | Woodstock | 80 | 25 | 50.5 | 1.75 | | | | | | | | | | | |
| Madison | 78 | 23 | 50.8 | 4.02 | 1.0 | Houston | 87 | 38 | 66.6 | 1.88 | | <i>Massachusetts.</i> | | | | | | | | | | | | | | | |
| Manhattan b | 78 | 27 | 50.3 | 4.66 | 4.0 | Jennings | 85 | 38 | 65.8 | 4.86 | | Amherst | 70 | 20 | 43.2 | 5.73 | 2.0 | | | | | | | | | | |
| Manhattan c | 79 | 21 | 49.0 | 5.02 | 4.0 | Lafayette | 85 | 39 | 66.2 | 4.43 | | Bedford | 69 | 21 | 43.6 | 7.39 | 6.5 | | | | | | | | | | |
| Marion | 76 | 27 | 51.7 | 3.30 | 4.0 | Lakeside | 86 | 43 | 67.0 | 2.66 | | Bluehill (summit) | 68 | 20 | 43.0 | 8.53 | 5.0 | | | | | | | | | | |
| Medicine Lodge | 89 | 31 | 56.7 | 2.76 | | Lawrence | 87 | 45 | 66.7 | 1.88 | | Cambridge | 69 | 23 | 45.0 | 9.28 | | | | | | | | | | | |
| Minneapolis | 77 | 25 | 50.3 | 3.05 | T. | Leesville | 87 | 33 | 64.4 | 2.69 | | Chestnuthill | 70 | 22 | 45.2 | 9.18 | 1.5 | | | | | | | | | | |
| Moran | 77 | 27 | 51.0 | 8.38 | 1.5 | Schriever | 84 | | | | | | | | | | | | | | | | | | | | |

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

| Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | |
|------------------------------|-------------------------------|-----------------|-------------------|--------------------------|-------------------------|---------------------------|-------------------------------|-----------------|-------------------|--------------------------|-------------------------|----------------------------|-------------------------------|----------|-------|--------------------------|-------------------------|
| | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. |
| <i>Massachusetts—Cont'd.</i> | | | | | | <i>Michigan—Cont'd.</i> | | | | | | <i>Mississippi—Cont'd.</i> | | | | | |
| Weston..... | 70 | 19 | 43.2 | 9.58 | 2.2 | Ypsilanti..... | 76 | 17 | 40.8 | 1.66 | 0.8 | Okolona..... | 86 | 33 | 58.5 | 2.16 | In. |
| Williamstown..... | 64 | 22 | 40.7 | 2.22 | 5.8 | Minnesola..... | 74 | 15 | 37.2 | 1.50 | 4.0 | Patmos..... | 85 | 45 | 66.8 | 3.61 | |
| Winchendon..... | | | | 6.40 | 9.5 | Albert Lea..... | 79 | 9 | 36.5 | 0.58 | | Pearlington..... | 83 | 31 | 58.5 | 1.69 | |
| Worcester..... | 70 | 23 | 43.8 | 5.95 | 2.4 | Alexandria..... | 76 | 17 | 38.1 | 1.94 | 1.0 | Pittsboro..... | 80 | 32 | 57.4 | 2.17 | |
| <i>Michigan.</i> | | | | | | Angus..... | 73 | 19 | 39.2 | 2.50 | | Pontotoc..... | 85 | 43 | 65.9 | 1.46 | |
| Adrian..... | 75 | 18 | 42.6 | 0.68 | | Asbury..... | 77 | 9 | 37.0 | 2.88 | 9.0 | Port Gibson..... | 87 | 34 | 63.8 | 4.13 | |
| Agricultural College..... | 78 | 15 | 39.4 | 0.50 | T. | Beardsley..... | 77 | 9 | 36.4 | 0.59 | | Ripley..... | 81 | 30 | 55.8 | 3.90 | |
| Allegan..... | 82 ^a | 15 ^a | 38.9 ^a | 0.68 | 0.5 | Bemidji..... | 69 | 11 | 36.4 | 0.59 | | Shelby..... | 88 | 32 | 60.8 | 3.04 | |
| Alma..... | 79 | 14 | 40.0 | 2.98 | 9.0 | Bird Island..... | 74 | 20 | 40.0 | 1.92 | T. | Shoecoe..... | 88 | 32 | 60.8 | 2.78 | |
| An Arbor..... | 77 | 18 | 40.7 | 2.09 | 1.5 | Blooming Prairie..... | 74 | 19 | 40.7 | 1.40 | 3.0 | Stonington..... | 85 | 33 | 63.8 | 2.57 | |
| Arbela..... | 75 | 11 | 40.0 | 4.71 | 17.0 | Brainerd..... | 75 | 12 | 33.3 | 0.50 | 5.0 | Suffolk..... | 83 | 36 | 63.4 | 0.98 | |
| Baldwin..... | 79 | 4 | 40.2 | 1.70 | 15.0 | Caledonia..... | 73 | 20 | 43.6 | 1.49 | 2.3 | Swartwout..... | 83 | 34 | 56.2 | 2.76 | |
| Ball Mountain..... | 76 | 15 | 39.0 | 2.54 | 8.7 | Collegeville..... | 71 | 16 | 39.0 | 1.57 | 2.4 | Tupelo..... | 81 | 32 | 58.3 | 2.79 | |
| Baraga..... | 71 | 6 | 34.2 | | | Crookston..... | 73 | 13 | 36.1 | 3.90 | 14.0 | University..... | 86 | 33 | 62.7 | 3.69 | |
| Battle Creek..... | 78 | 19 | 41.0 | 1.10 | T. | Currie..... | 76 | 18 | 40.8 | | | Utica..... | 84 | 34 | 60.5 | 2.48 | |
| Bay City..... | 76 | 12 | 38.6 | 2.75 | 12.0 | Deephaven..... | | | | | | Walnut Grove..... | 82 | 33 | 57.6 | 2.50 | |
| Benzonia..... | 78 | 16 | 36.8 | 2.70 | 7.6 | Detroit City..... | 75 | 12 | 35.6 | 2.68 | 14.6 | Water Valley..... | 88 | 36 | 63.3 | 3.65 | |
| Berlin..... | 75 | 16 | 38.6 | 3.06 | 14.2 | Faribault..... | 73 | 12 | 40.1 | 1.83 | 3.2 | Waynesboro..... | 86 | 40 | 65.1 | 1.64 | |
| Berrien Springs..... | 83 | 20 | 42.4 | 2.17 | T. | Farmington..... | 73 | 19 | 40.5 | 1.94 | 9.0 | Woodville..... | 85 | 36 | 60.8 | 2.35 | |
| Big Rapids..... | 77 | 10 | 38.6 | 3.94 | 16.0 | Fergus Falls..... | 72 | 16 | 38.1 | 2.23 | 1.5 | Yazoo City..... | | | | | |
| Birningham..... | 75 | 18 | 40.0 | 1.72 | 6.0 | Glencoe..... | 74 | 20 | 39.6 | 2.04 | T. | <i>Missouri.</i> | | | | | |
| Bloomingdale..... | 79 | 15 | 41.6 | | | Grand Meadow..... | 80 | 17 | 41.3 | 1.86 | 3.0 | Appleton City..... | 77 | 24 | 49.4 | 8.23 | 1.5 |
| Calumet..... | 64 | 12 | 34.2 | 1.35 | 10.5 | Hallow..... | 76 | 12 | 36.7 | 1.23 | | Arthur..... | 77 | 29 | 50.4 | 9.41 | T. |
| Carsonville..... | 73 | 18 | 38.2 | 0.82 | 8.0 | Lake Winnebago..... | 72 | 11 | 34.3 | 0.32 | 2.6 | Bagnell..... | | | | | |
| Cassopolis..... | 79 | 18 | 41.2 | 2.20 | T. | Leech..... | 74 | 12 | 36.0 | 1.23 | 3.0 | Bethany..... | 77 | 22 | 45.5 | 4.94 | 3.5 |
| Charlevoix..... | 78 | 11 | 38.1 | | 5.0 | Long Prairie..... | 74 | 12 | 37.8 | 2.16 | 2.5 | Birchtree..... | 84 | 30 | 51.1 | 5.13 | T. |
| Charlotte..... | 79 ^a | 16 | 42.8 ^a | | | Luverne..... | 74 | 18 | 41.2 | 2.02 | T. | Blue Springs..... | 75 | 27 | 48.0 | 3.88 | 0.5 |
| Cheboygan..... | 74 | 13 | 36.8 | 1.07 | T. | Mapleplain..... | 76 | 18 | 40.3 | 1.57 | T. | Boonville..... | | | | | |
| Clinton..... | 77 | 18 | 42.3 | 1.47 | 3.3 | Milaca..... | 76 | 12 | 37.2 | 0.24 | 5.0 | Brunswick..... | 80 | 28 | 47.7 | 6.85 | 6.0 |
| Coldwater..... | 79 | 17 | 43.2 | 1.90 | T. | Milan..... | 75 ^a | 18 ^a | 39.8 ^a | 1.64 | | Carutherville..... | 79 | 34 | 54.6 | 3.28 | |
| Deer Park..... | 66 | 2 | 30.4 | 1.49 | T. | Minneapolis..... | 73 ^a | 19 | 40.4 | 1.74 | 6.7 | Conception..... | 79 | 25 | 46.2 | 4.52 | 2.0 |
| Detour ^f | 67 | 14 | 35.2 | 1.39 | 2.0 | Montevideo..... | 75 | 20 | 40.8 | 1.51 | T. | Darksville..... | 79 | 22 | 47.0 | 6.27 | 5.5 |
| Dundee..... | 62 | 19 | 41.1 | 2.36 | T. | Morris..... | 76 | 18 | 39.2 | 1.60 | 0.5 | Dean..... | 80 | 27 | 52.7 | 2.93 | 1.5 |
| East Tawas..... | 71 ^c | 12 | 37.2 ^c | 1.80 | T. | Mount Iron..... | 75 | 18 | 34.4 | 0.42 | 1.0 | Desoto..... | 79 | 26 | 50.0 | 4.52 | 3.5 |
| Eloise..... | 76 | 18 | 41.4 | 1.01 | 0.5 | New London..... | 74 | 18 | 40.2 | 1.83 | | Downing..... | | | | | |
| Ewen..... | 65 | 1 | 32.0 | | | New Richland..... | 75 | 21 | 42.4 | 1.98 | 1.7 | Edgellhill..... | 81 | 24 | 50.1 | 5.93 | |
| Fennville..... | 76 | | | 2.49 | T. | New Ulm..... | 76 | 21 | 41.5 | 2.07 | 1.0 | Fairport..... | | | | | |
| Fitchburg..... | 78 | 13 | 40.2 | 2.43 | 9.0 | Park Rapids..... | 70 | 7 | 35.6 | 2.30 | 17.0 | Fayette..... | 75 | 25 | 46.0 | 6.98 | 6.0 |
| Flint..... | 77 | 14 | 37.7 | 2.35 | 8.5 | Pine River..... | 74 | 9 | 36.0 | 2.05 | 4.0 | Fulton..... | 80 | 25 | 49.0 | 6.07 | 1.0 |
| Gaylord..... | 72 | | | 1.05 | 6.0 | Pistepone..... | 71 | 18 | 38.8 | 1.65 | 0.1 | Gallatin..... | | | | | |
| Gladwin..... | 72 | 10 | 39.2 | 2.55 | 13.7 | Pleasant Mounds..... | 78 | 20 | 42.4 | 2.48 | 0.8 | Gano..... | 79 | 26 | 50.6 | 4.99 | 0.5 |
| Grand Haven..... | 72 | 19 | 40.0 | 1.94 | | Pokegama Falls..... | 75 | 4 | 34.2 | 1.03 | 4.2 | Glasgow..... | 79 | 27 | 47.6 | 6.41 | 5.0 |
| Grand Marais..... | 63 ^a | 7 | 31.7 ^a | 2.38 | 5.0 | Reeds..... | | | | | | Gorin..... | | | | | |
| Grape..... | 76 | 19 | 41.8 | 2.04 | T. | Rolling Green..... | 73 | 18 | 41.4 | 1.40 | T. | Grant City..... | 78 | 25 | 46.6 | 5.81 | 3.0 |
| Grayling..... | 78 | 5 | 37.6 | 4.08 | 19.0 | St. Charles..... | 72 | 20 | 42.8 | 1.62 | 2.8 | Halfway..... | 78 | 28 | 50.8 | 6.66 | T. |
| Hagar..... | 80 | 17 | 39.4 | 2.24 | T. | St. Cloud..... | 74 | 17 | 41.2 | 1.37 | | Harrisonville..... | 78 | 27 | 48.1 | 4.63 | 3.0 |
| Harbor Beach..... | 67 | 19 | 36.7 | 1.40 | 7.9 | St. Peter..... | 75 | 20 | 42.1 | 2.08 | | Hazehurst..... | | | | | |
| Harrison..... | 76 | 9 | 37.3 | 2.80 | 12.0 | Sandy Lake Dam..... | 71 | 12 ^a | 35.8 ^a | 0.98 | 4.7 | Hermann..... | 78 | 27 | 48.1 | 7.78 | 0.1 |
| Harrisville..... | 62 | 13 | 35.7 | 2.54 | 12.6 | Shakopee..... | 74 | 20 | 41.4 | 1.99 | | Houston..... | 75 | 26 | 49.8 | 5.02 | T. |
| Hastings..... | 79 | 14 | 41.2 | 2.24 | 4.6 | Tower..... | 60 | 3 | 31.1 | 1.34 | 4.0 | Huntsville..... | 79 | 28 | 47.8 | 6.47 | 8.0 |
| Hayes..... | 79 | 20 | 39.4 | 2.79 | 15.0 | Two Harbors..... | 61 | 14 | 33.2 | 0.52 | 0.3 | Ironton..... | 82 | 24 | 49.2 | 4.35 | T. |
| Highland..... | | | | 2.18 | 7.0 | Wabasha..... | 80 | 20 | 43.4 | 1.83 | 2.8 | Jackson..... | 82 | 27 | 52.2 | 3.70 | |
| Hilldale..... | 77 | 16 | 41.0 | 1.76 | | Willow River..... | 75 | 9 | 37.9 | 1.85 | 7.5 | Jefferson City..... | 79 | 27 | 48.2 | 8.00 | T. |
| Humboldt..... | 67 | 3 | 31.0 | | | Winnebago..... | 76 | 20 | 42.6 | 2.75 | 1.9 | Joplin..... | 78 | 31 | 54.0 | 4.27 | 1.0 |
| Iron Mountain..... | 73 | 13 | 36.2 | 1.00 | 6.0 | Winona..... | 82 | 22 | 41.8 | 1.52 | 0.7 | Kidder..... | 75 | 26 | 46.7 | 5.01 | 3.0 |
| Iron River..... | 73 | 6 | 34.8 | 1.60 | 2.0 | Zumbrota..... | 78 | 17 | 40.6 | 0.65 | T. | Koshkonong..... | 77 | 30 | 52.0 | 3.96 | T. |
| Ironwood..... | 65 | 10 | 34.6 | 0.73 | 3.5 | <i>Mississippi.</i> | | | | | | Lamart..... | 79 | 30 | 52.0 | 6.10 | T. |
| Ishpeming..... | 68 | 10 | 32.8 | 0.88 | 4.5 | Aberdeen..... | 85 | 31 | 59.5 | 1.05 | | Lebanon..... | | | | | |
| Ivan..... | 74 | 5 | 33.2 | 3.00 | 15.0 | Agricultural College..... | 83 | 34 | 59.6 | 1.40 | | Lexington..... | 77 | 30 | 49.8 | 7.22 | T. |
| Jackson..... | 81 | 18 | 43.4 | 1.58 | T. | Austin..... | 81 | 35 | 58.8 | 3.72 | | Liberty..... | 76 | 27 | 48.7 | 6.58 | 2.0 |
| Jeddo..... | 73 | 14 | 39.1 | 1.88 | 5.5 | Batesville..... | 83 | 34 | 56.6 | 2.87 | | Lockwood..... | | | | | |
| Kalamazoo..... | 78 | 18 | 42.0 | 3.30 | | Bay St. Louis..... | 83 | 46 | 66.4 | 1.31 | | Louisiana..... | 80 | 19 | 47.4 | 6.04 | 7.0 |
| Lake City..... | 74 | 12 | 42.0 | | | Biloxi..... | 83 | 45 | 67.2 | 1.23 | | Macon..... | 79 | 27 | 47.4 | 7.81 | 10.9 |
| Lansing..... | 78 | 14 | 39.8 | 1.70 | 7.3 | Booneville..... | 79 | 33 | 57.0 | 2.65 | | Marblehill..... | 82 | 27 | 52.0 | 3.32 | |
| Mackinac Island..... | 71 | 13 | 35.6 | 4.01 | 3.1 | Brookhaven..... | 87 | 37 | 62.8 | 3.00 | | Marshall..... | 78 | 27 | 47.6 | 6.80 | 4.0 |
| Mackinaw City..... | 70 | 9 | 34.7 | 2.40 | 3.0 | Canton..... | 86 | 37 | 61.0 | 3.01 | | Maryville..... | 78 | 25 | 44.8 | 4.41 | 2.0 |
| Mancelona..... | 78 | 4 | 35.8 | 0.60 | 4.0 | Columbia..... | 87 | 38 | 63.2 | 0.89 | | Mexico..... | 79 | 26 | 48.6 | 7.66 | 6.2 |
| Marine City..... | 70 | 18 | 39.8 | 1.86 | 4.5 | Columbus..... | 81 | 35 | 58.2 | 1.84 | | Miami* ⁶ | 77 | 30 | 48.8 | 2.25 | 1.0 |
| Menominee..... | 63 | 15 | 35.4 | 1.65 | 8.0 | Dickinson..... | 83 | 36 | 59.9 | 3.58 | | Mineralsprings..... | 78 | 22 | 46.2 | 6.96 | 8.5 |
| Midland..... | 77 | 16 | 40.7 | 2.59 | 16.0 | Greenville a..... | 84 | 39 | 61.2 | 3.45 | | Monroe City..... | 78 | 22 | 46.2 | 6.96 | 8.5 |
| Mio..... | 73 | 7 | 36.2 | 3.16 | 12.1 | Greenville b..... | 85 | 36 | 59.9 | 3.58 | | Montreal..... | 77 | 23 | 48.9 | 6.52 | 2.0 |
| Montague..... | 74 | 18 | 41.4 | 2.55 | 5.0 | Greenwood..... | 86 | 33 | 59.0 | 2.49 | | Oakfield..... | 80 | 23 | 49.3 | 4.73 | 5.5 |

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

| Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | |
|--------------------------|-------------------------------|----------|-------|--------------------------|-------------------------|-----------------------|-------------------------------|-----------------|-------------------|--------------------------|-------------------------|------------------------|-------------------------------|-----------------|----------|--------------------------|-------------------------|
| | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. |
| | | | | | | | | | | | | | | | | | |
| <i>Missouri</i> —Cont'd. | | | | | | | | | | | | | | | | | |
| Unionville | ° | ° | ° | Ins. | 13.0 | Nebraska—Cont'd. | ° | ° | ° | Ins. | ... | Nevada—Cont'd. | ° | ° | ° | Ins. | ... |
| Vichy | 26 | 24 | 44.8 | 5.18 | T. | Fort Robinson | 80 | 15 | 46.2 ⁴ | 1.38 | ... | Candelaria | 78 | 19 | 48.1 | 0.15 | 1.5 |
| Warrensburg ¹ | 28 | 25 | 49.0 | 6.80 | T. | Franklin | 79 | 9 | 45.2 | 2.57 | ... | Carlin ¹ | 82 | 23 | 45.7 | 1.01 | 2.0 |
| Warrenton | 78 | 28 | 52.4 | 2.0 | 3.0 | Fremont | 75 | 20 | 45.0 | 2.75 | ... | Carson City | 80 | 22 | 46.0 | 0.31 | 0.2 |
| Warsaw | 79 | 26 | 47.4 | 6.73 | 3.0 | Fullerton | ... | ... | ... | ... | ... | Crane's Ranch | ... | ... | ... | ... | ... |
| Wheatland | 80 | 21 | 48.4 | 7.12 | 1.0 | Geneva | 78 | 22 | 45.6 | 4.03 | 0.5 | Dyer | 81 | 11 | 47.2 | 0.38 | ... |
| Willowsprings | 76 | 28 | 51.0 | 3.96 | 3.0 | Gering | 80 | 16 | 46.8 | 1.78 | ... | Ely | 76 | 13 | 43.1 | 0.81 | 4.0 |
| Windsor | 77 | 26 | 49.0 | 8.05 | ... | Gothenburg | 79 | 18 | 47.8 | 0.65 | ... | Eureka | 75 | 10 | 43.2 | 0.59 | 5.0 |
| Zeitoma | 80 | 25 | 50.7 | 5.37 | ... | Grand Island b | 76 | 13 | 45.6 | 1.99 | ... | Fallon | 83 | 20 | 49.4 | T. | ... |
| <i>Montana</i> . | | | | | | Grant | ... | ... | ... | ... | ... | Fenelon | 85 | 20 | 41.8 | ... | ... |
| Adel | 71 | 11 | 41.3 | 0.40 | T. | Greeley | ... | ... | ... | ... | ... | Geyser | 78 ^a | 10 ^a | 42.9 | 0.07 | 0.5 |
| Anaconda | 75 | 12 | 44.0 | 0.20 | 2.0 | Guide Rock | ... | ... | ... | ... | ... | Glenbrook | ... | ... | ... | ... | ... |
| Augusta | 79 | 16 | 44.8 | 0.50 | 1.5 | Halsey | 82 | 13 | 46.5 | 0.55 | ... | Halleck ¹ | 84 | 24 | 49.8 | 1.47 | 6.0 |
| Boulder | 74 | 7 | 43.6 | 0.13 | 1.5 | Harvard | 74 | 20 | 44.1 | 4.49 | ... | Hamilton | 70 | 10 | 38.0 | 0.56 | 5.6 |
| Bozeman | 72 | 16 | 41.8 | 1.36 | 5.6 | Hastings ¹ | 74 | 25 | 45.8 | 3.25 | ... | Hawthorne | 88 | 21 | 49.0 | 0.05 | ... |
| Butte | 71 | 17 | 43.4 | 0.30 | ... | Hayes Center | ... | ... | ... | ... | ... | Humboldt | 75 | 22 | 48.9 | 0.85 | 2.5 |
| Canyon Ferry | 78 | 13 | 46.3 | 0.56 | 0.8 | Hay Spring | 79 | 14 | 42.2 | 0.85 | 0.6 | Lewers Ranch | 81 | 21 | 47.6 | 0.82 | 4.0 |
| Chester | 74 | 15 | 44.4 | 0.01 | ... | Hebgen | 80 | 24 | 47.0 | 4.54 | 0.5 | Lovelocks ¹ | 88 | 20 | 50.4 | T. | ... |
| Chinook | 75 | 3 | 43.2 | 0.58 | T. | Holbrook | ... | ... | ... | ... | ... | Martins | 97 | 20 | 51.8 | 0.37 | ... |
| Columbia Falls | 75 | 15 | 44.3 | 0.23 | ... | Holdrege | 77 | 23 | 48.0 | 1.93 | ... | Mill City ¹ | 84 | 28 | 53.6 | 0.05 | ... |
| Crow Agency | 76 | 22 | 48.8 | 0.45 | ... | Hooper ¹ | 77 | 23 | 44.2 | 2.26 | ... | Morey | 81 | 14 | 45.2 | 0.60 | 7.0 |
| Culbertson | 86 | 3 | 38.8 | 0.45 | ... | Imperial | 81 | 21 | 48.8 | 2.71 | ... | Palisade | 82 | 18 | 43.8 | 0.82 | 3.0 |
| Cubbank | 6 ^b | ... | ... | 0.79 | ... | Johnstown | ... | ... | ... | ... | ... | Palmetto | 76 | 14 | 43.6 | 1.15 | 5.0 |
| Deerlodge | 74 | 18 | 40.8 | ... | ... | Kearney | 80 | 19 | 47.2 | 2.51 | ... | Pioche | 81 | 17 | 47.6 | 0.14 | T. |
| Dillon | 77 | 10 | 45.1 | 0.98 | 6.4 | Kennedy | 80 ^a | 11 ^a | 45.6 | 0.15 | 0.2 | Potts | 77 | 10 | 40.2 | 0.72 | 8.5 |
| Fort Benton | 75 | 22 | 44.4 | 0.64 | 1.2 | Kimball | 80 | 15 | 44.2 | 1.65 | 2.0 | Reno State University | 78 | 22 | 46.2 | 0.35 | T. |
| Fort Harrison | 80 | 22 | 53.1 | ... | Kirkwood | 81 | 12 | 45.0 | 1.14 | 2.0 | Sodaville | 91 | 22 | 53.3 | 0.20 | 2.0 | |
| Glasgow | 83 | 8 | 41.3 | 0.75 | ... | Leavitt | 80 | 29 | 45.0 | 2.34 | ... | Tecoma | 78 | 20 | 46.6 | 1.85 | 7.0 |
| Glendive | 85 | 14 | 40.9 | 0.55 | 0.5 | Lexington | 79 | 18 | 45.6 | 1.24 | ... | Toano ⁶ | 90 | 20 | 47.2 | 1.22 | 10.0 |
| Greatfalls | 72 | 20 | 48.2 | 0.62 | T. | Lockridge | 75 | 18 | 45.5 | 2.85 | 2.0 | Wabuska | 84 | 11 | 47.2 | 0.12 | ... |
| Hamilton | 80 | 26 | 49.2 | 0.68 | 0.2 | Lodgepole | 82 | 15 | 45.8 | 1.05 | ... | Wadsworth ⁶ | 83 | 21 | 55.1 | 0.00 | ... |
| Lamedeer | 74 | 21 | 47.8 | 0.41 | 3.0 | Loup | 75 | 16 | 46.3 | 3.02 | ... | Wells ¹ | 69 | 28 | 43.3 | 0.39 | 3.0 |
| Lewistown | 79 | 15 | 45.0 | 1.65 | 3.5 | Lynch | 84 | 10 | 44.8 | 1.57 | 5.0 | Wood | 80 | 19 | 45.2 | 1.35 | ... |
| Livingston | 78 | 17 | 46.4 | 1.06 | 2.0 | McCook | ... | ... | ... | ... | ... | New Hampshire. | ... | ... | ... | ... | ... |
| Lodge Grass | 88 | 21 | 52.4 | 0.54 | ... | McCool Junction | ... | ... | ... | ... | ... | Alstead | 63 | 17 | 40.2 | 5.59 | 13.5 |
| Marysville | 73 | 11 | 40.9 | 0.95 | 1.8 | Madison | 75 | 18 | 42.6 | 1.81 | 2.0 | Bartlett | 63 | 17 | 38.0 | 3.93 | 21.5 |
| Missoula | 80 | 24 | 49.2 | 0.64 | ... | Madrid | 80 | 17 | 45.2 | 1.64 | ... | Berlin Mills | 63 | 4 | 38.0 | 3.33 | ... |
| Osvaldo | 75 | 13 | 40.8 | 0.47 | 0.5 | Marquette | ... | ... | ... | ... | ... | Bethlehem | 64 | 12 | 39.9 | 3.01 | 22.0 |
| Parrot | 79 | 13 | 47.0 | 0.27 | 0.9 | Mason | ... | ... | ... | ... | ... | Bretton Wood | ... | ... | ... | ... | ... |
| Philipsburg | 84 | 17 | 45.0 | 0.90 | T. | Minden | 76 | 20 | 46.4 | 1.87 | ... | Brookline ¹ | 70 | 29 | 43.4 | 9.13 | 10.0 |
| Plains | 76 | 24 | 49.2 | T. | Mouroe | ... | ... | ... | ... | ... | Chatham | 63 | 11 | 36.8 | 6.70 | 22.0 | |
| Poplar | 88 | 13 | 40.7 | 0.80 | 1.0 | Nebraska City c | 76 | 25 | 47.8 | 5.15 | ... | Concord | 69 | 17 | 41.8 | 8.28 | 12.3 |
| Red Lodge | 70 | 12 | 41.2 | 2.43 | 4.0 | Nemaha | ... | ... | ... | ... | ... | Durham | 65 | 17 | 41.3 | 8.61 | 6.0 |
| Ridgeland | 87 | 15 | 41.4 | 0.74 | 0.2 | Norfolk | 79 | 14 | 43.2 | 2.00 | 2.0 | Franklin Falls | 69 | 18 | 41.8 | 6.86 | 12.0 |
| Ruby | ... | ... | ... | 0.90 | 9.0 | North Loup | 79 | 6 | 43.6 | 1.19 | ... | Grafton | 69 | 12 | 40.4 | 6.05 | 15.0 |
| St. Pauls | 74 | 12 | 45.0 | 0.65 | 1.0 | Oakdale | 77 | 17 | 43.0 | 2.00 | 5.0 | Hanover | 67 | 12 | 40.3 | 4.15 | 12.8 |
| St. Peter | 73 | 15 | 44.7 | 1.41 | T. | Odell | ... | ... | ... | ... | ... | Jefferson Highlands | ... | ... | ... | ... | ... |
| Springbrook | 85 | 14 | 41.1 | 1.25 | 1.0 | O'Neill | 77 | 12 | 44.8 ^c | 1.83 | 1.4 | Keene | 68 | 35 | 41.2 | 5.02 | 10.5 |
| Toston | 80 | 14 | 47.0 | 0.47 | 2.0 | Ord | ... | ... | ... | ... | ... | Littleton | 63 | 14 | 38.8 | 3.77 | 21.0 |
| Townsend | ... | ... | ... | 0.51 | ... | Osceola | ... | ... | ... | ... | ... | Nashua | 71 | 20 | 44.0 | 8.15 | 8.8 |
| Troy | 83 | 18 | 47.5 | 0.52 | T. | Palmer | ... | ... | ... | ... | ... | Newton | 70 | 13 | 41.9 | 8.59 | 6.5 |
| Twin Bridges | 79 | 10 | 45.6 | 0.10 | T. | Palmyra | ... | ... | ... | ... | ... | North Woodstock | ... | ... | ... | ... | ... |
| Utica | 75 | 14 | 45.2 | 1.14 | 1.0 | Pawlet | ... | ... | ... | ... | ... | Plymouth | 67 | 15 | 40.9 | 5.58 | 21.0 |
| Wolf Creek | 78 | 17 | 44.8 | 0.70 | T. | Pawnee City | 76 | 22 | 47.0 | 7.37 | 1.0 | Stratford | 65 | 10 | 37.5 | 8.20 | 19.0 |
| Wolsey | 70 | 8 | 37.2 | 0.85 | 8.8 | Plattsburgh a | ... | ... | ... | ... | ... | West Stewartstown | ... | ... | ... | ... | ... |
| Yale | 71 | 16 | 44.0 | 0.90 | 1.0 | Plattsmouth b | 21 | ... | ... | ... | ... | New Jersey. | ... | ... | ... | ... | ... |
| <i>Nebraska.</i> | | | | | | Purdum | 82 | 12 | 45.2 | 0.64 | ... | Asbury Park | 77 | 24 | 46.1 | 4.24 | T. |
| Agate | 82 | 12 | 43.8 | 0.70 | 1.0 | Ravenna | 75 | 18 | 46.2 | 2.05 | ... | Barnegat | 78 ^a | 19 ^a | 46.5 | 4.16 | T. |
| Agree ¹ | 82 | 16 | 41.9 | 1.57 | ... | Redcloud | 77 | 23 | 47.6 | 2.71 | ... | Bayonne | 78 | 25 | 46.0 | 4.96 | T. |
| Albion | 76 | 15 | 42.6 | 1.45 | ... | Republican | ... | ... | ... | ... | ... | Belvidere | 80 | 22 | 47.3 | 1.78 | 1.0 |
| Alliance | 82 | 12 | 49.1 | 1.00 | T. | Rulo | ... | ... | ... | ... | ... | Beverly | 82 | 25 | 48.8 | 2.07 | T. |
| Alma | 82 | 22 | 48.9 | 2.41 | ... | St. Libory | ... | ... | ... | ... | ... | Blairstown | 78 | 22 | 46.4 | 2.90 | T. |
| Ansley | 77 | 14 | 44.1 | 1.84 | T. | St. Paul | 79 | 18 | 46.8 | 1.89 | ... | Brigeton | 85 | 25 | 50.2 | 2.86 | T. |
| Arapahoe | ... | ... | ... | 1.42 | ... | Sauette | ... | ... | ... | ... | ... | Canton | ... | ... | ... | ... | ... |
| Arcadia | ... | ... | ... | 1.73 | T. | Schuyler | ... | ... | ... | ... | ... | Cape May C. H. | 80 | 23 | 47.8 | 3.33 | T. |
| Ashland a | 77 | 23 | 46.0 | 4.46 | ... | Seward | 74 | 13 | 45.8 | 4.70 | 0.5 | Charlotteburg | 74 | 17 | 43.4 | 4.41 | T. |
| Ashland b | ... | ... | ... | 5.17 | ... | Smithfield | ... | ... | ... | ... | ... | Chester | 70 | 24 | 45.0 | 3.46 | 0.5 |
| Ashton | ... | ... | ... | 2.03 | T. | Spragg | ... | ... | ... | ... | ... | Clayton | 80 | 25 | 47.7 | 2.00 | T. |
| Auburn | 76 | 22 | 45.0 | 5.09 | 1.0 | Springview | 78 | 13 | 45.2 | 1.20 | 2.0 | College Farm | 81 | 23 | 46.5 | 3.49 | T. |
| Aurora | 77 | 22 | 48.6 | 3.03 | T. | Stanton | 77 | 16 | 43.9 | 1.69 | 2.0 | Dover | 74 | 22 | 43.3 | 3.77 | T. |
| Bartley | 82 | 11 | 49.9 | 1.33 | ... | Strang | ... | ... | ... | ... | ... | Elizabeth | 78 | 24 | 47.6 | 4.48 | 0.5 |
| Beartrice | 78 | 24 | 48.4 | 3.14 | ... | Stratton | ... | ... | ... | ... | ... | Englewood | 77 | 24 | 47.0 | 4.17 | 0.5 |
| Beaver | 80 | 18 | 50.0 | 2.02 | ... | Stromsburg | ... | ... | ... | ... | ... | Flemington | 80 | 25 | 46.9 | 3.76 | T. |
| Bellevue | ... | ... | ... | 4.92 | ... | Superior | 76 | 11 | 45.4 | 4.64 | ... | Friesburg | 82 | 24 | 47.8 | 2.53 | T. |
| Benkleman | ... | ... | ... | 2.29 | ... | Syracuse | ... | ... | ... | ... | ... | Hightstown | 80 | 25 | 47.7</td | | |

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

| Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | |
|------------------------|-------------------------------|-----------------|-------------------|--------------------------|-------------------------|-----------------------|-------------------------------|----------|-------|--------------------------|-------------------------|------------------------|-------------------------------|----------|-------|--------------------------|-------------------------|
| | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. |
| New Jersey—Cont'd. | ° | ° | ° | Ins. | Ins. | New York—Cont'd. | ° | ° | ° | Ins. | Ins. | North Carolina—Cont'd. | ° | ° | ° | Ins. | Ins. |
| Vineland. | 83 | 24 | 48.4 | 3.37 | T. | North Lake. | 62 | 5 | 36.0 | 3.24 | 27.0 | Waynesville. | 75 | 15 | 47.6 | 3.15 | 2.0 |
| Woodbine. | 78 | 21 | 46.4 | 4.20 | T. | Nuniper Four. | 68 | 18 | 39.8 | 3.35 | 22.1 | Weldon a. | 86 | 27 | 55.6 | 1.04 | |
| Woodstown. | | | | 2.94 | | Old Chatham. | | | | | 7.0 | Weldon b. | | | 1.04 | | |
| New Mexico. | | | | | | Oneonta. | 67 | 17 | 41.9 | 3.59 | 5.0 | Whiteville. | 83 | 26 | 58.6 | 1.80 | |
| Alamagordo. | 90 | 27 | 59.8 | 0.00 | T. | Oswegatchie. | 68 | 13 | 38.0 | 3.52 | 12.4 | North Dakota. | | | | | |
| Albert. | 89 | 26 | 56.0 | 0.13 | T. | Otto. | 68 | 12 | 38.2 | 3.05 | ..... | Amenia. | 77 | 13 | 38.0 | 2.27 | 3.2 |
| Albuquerque. | 83 ^a | 33 ^b | 58.21 | T. | | Oxford. | 69 | 16 | 40.9 | 3.00 | 7.2 | Ashley. | 79 | 10 | 38.0 | 2.34 | 8.0 |
| Arabela. | 84 | 25 | 57.2 | T. | | Oyster Bay. | 72 | 26 | 46.9 | 5.02 | ..... | Berlin. | 78 | 10 | 37.0 | 3.30 | 29.5 |
| Bell ranch. | | | | 0.28 | | Palermo. | | | | | | Bottineau. | 77 | 11 | 35.0 | 0.13 | T. |
| Canbray. | | | | 0.02 | | Perry City. | 70 | 15 | 39.2 | 3.54 | 14.2 | Buxton ^k . | | | | | |
| Deming. | | | | 0.00 | | Plattsville Barracks. | 62 | 16 | 39.6 | 2.56 | 1.0 | Cando. | 85 | 13 | 33.6 | 1.37 | 5.5 |
| Dorsev. | 83 | 19 | 48.8 | 1.04 | T. | Port Jervis. | 74 | 20 | 45.2 | 3.31 | T. | Church's Ferry. | 75 | 15 | 36.0 | 0.89 | 3.2 |
| Eagle Rock Ranch. | 79 | 17 | 48.0 | 1.13 | 12.0 | Potsdam. | 75 | 19 | 41.2 | 3.40 | 12.5 | Coal harbor. | 81 | 16 | 40.4 | 1.34 | 12.4 |
| Fort Bayard. | 84 | 32 | 57.2 | 0.00 | | Primrose. | 78 | 20 | 45.5 | 5.63 | T. | Devels Lake. | 72 | 15 | 35.2 | 1.52 | 8.7 |
| Fort Stanton. | 81 | 23 | 50.6 | 0.15 | | Redhook. | | | | | | Dickinson. | 84 | 15 | 41.2 | 0.92 | 3.0 |
| Fort Union. | 79 | 14 | 46.7 | 0.32 | | Ridge way. | | | | | | Donnybrook. | 80 | 14 | 37.8 | 0.30 | 2.5 |
| Fort Wingate. | 78 | 21 | 50.8 | 0.30 | 3.0 | Rome. | 70 | 15 | 42.5 | 3.49 | 2.5 | Dunseith. | 78 | 10 | 35.0 | 0.78 | 4.0 |
| Fruitland. | 92 | 20 | 54.5 | T. | Romulus. | 70 | 19 | 41.3 | 3.75 | 11.5 | Edgeley. | 80 | 12 | 39.0 | 3.30 | 4.0 | |
| Gage. | | | | 0.00 | | Salisbury Mills. | | | | | | Ellendale. | 85 | 13 | 38.6 | 2.30 | 12.0 |
| Golden. | | | | 0.02 | 0.2 | Saratoga Lake. | 67 | 12 | 37.6 | 2.59 | 16.4 | Fargo. | 78 | 14 | 36.6 | 2.74 | 11.1 |
| Las Vegas. | 82 | 18 | 49.0 | 0.24 | 1.0 | Saratoga Springs. | 68 | 20 | 41.3 | 4.12 | 6.0 | Fornuan. | 83 | 14 | 38.2 | 2.59 | 8.0 |
| Lordsburg. | | | | 0.00 | | Scarsdale. | 77 | 22 | 46.0 | 3.02 | 0.5 | Fullerton. | 78 | 13 | 37.6 | 3.45 | 21.2 |
| Los Lunas. | 86 | 30 | 58.0 | 0.10 | | Setauket. | 72 | 26 | 45.2 | 6.26 | 0.5 | Glenullin. | 82 | 9 | 39.9 | 1.41 | 4.0 |
| Mesilla Park. | 91 | 29 | 60.8 | 0.00 | | Shortsville. | 71 | 17 | 40.2 | 2.62 | 12.0 | Grafton. | 75 | 10 | 36.8 | 1.20 | 9.0 |
| Mountainair. | 78 | 20 | 49.8 | 0.14 | 0.5 | Skaneateles. | | | | | | Hamilton. | 72 | 10 | 35.2 | 2.06 | 11.3 |
| Raton. | | | | 0.00 | | Southampton. | 62 | 24 | 43.6 | 7.17 | 0.5 | Hannaford. | 76 | 7 | 36.6 | 0.18 | 1.8 |
| Strauss. | 81 | 18 | 48.8 | 0.60 | 2.0 | South Butler. | | | | | | Jamestown. | 78 | 15 | 39.4 | 1.85 | 8.7 |
| Taos. | 81 | 20 | 49.4 | 0.15 | | South Canisteo. | 68 | 18 | 39.5 | 2.81 | 7.5 | Kulm. | 79 | 14 | 38.3 | 2.20 | 11.5 |
| Winsors. | 69 ^c | 12 ^c | 40.8 ^c | 0.31 | | South east Reservoir. | | | | | | Lamoure. | | | | 2.38 | |
| New York. | | | | | | South Kortright. | 68 | 12 | 39.2 | 1.99 | 4.0 | Laramore. | 73 | 8 | 33.8 | 2.32 | 14.0 |
| Adams. | | | | 4.20 | 26.0 | South Schroon. | 64 | 14 | 38.5 | 3.29 | 17.0 | Lishon. | 80 | 11 | 36.8 | 4.18 | 20.0 |
| Addison. | 69 | 19 | 41.3 | 2.27 | 3.5 | Spiers Falls. | 68 | 19 | 41.7 | 3.07 | 8.0 | Manfred. | 81 | 11 | 37.8 | 1.59 | 8.5 |
| Akron. | | | | 3.12 | | Straits Corners. | 68 | 14 | 39.6 | 4.15 | 3.6 | Medora. | 85 | 17 | 42.0 | 0.30 | 3.0 |
| Alden. | 72 | 13 | 39.6 | 4.27 | 24.1 | Ticonderoga. | 63 | 22 | 41.8 | 1.47 | 8.0 | Melville. | 78 | 14 | 36.8 | 0.15 | 1.5 |
| Amsterdam. | 68 | 20 | 41.1 | 2.64 | 6.0 | Volusia. | 69 | 12 | 37.6 | 2.96 | 11.0 | Milton. | 71 | 2 | 35.2 | 2.78 | |
| Angelica. | 70 | 6 | 39.0 | 1.97 | 7.8 | Wappinger Falls. | 76 | 19 | 44.5 | 3.96 | T. | Minot. | 85 | 5 | 37.9 | 0.74 | 5.6 |
| Appleton. | 71 | 21 | 39.6 | 2.49 | | Warwick. | | | | | | Minto. | 75 | 7 | 36.0 | 1.59 | 9.7 |
| Arcade. | 68 | 12 | 37.0 | 3.02 | 10.5 | Watertown. | 69 | 20 | 40.8 | 3.34 | 1.0 | Napoleon. | 81 | 10 | 37.8 | 2.37 | 10.0 |
| Athens. | 71 | 24 | 44.8 | 3.38 | 2.5 | Waverly. | 73 | 18 | 42.6 | 2.57 | 0.9 | New England. | 81 | 13 | 39.2 | 0.32 | 3.2 |
| Atlanta. | 68 | 12 | 38.7 | 2.99 | 11.0 | Wedgewood. | 64 | 16 | 38.3 | 3.87 | 10.5 | Oakdale. | 84 | 10 | 39.0 | 0.85 | 5.0 |
| Atwater. | | | | 3.35 | | West Berne. | 65 | 9 | 37.9 | 3.86 | 13.0 | Palermo. | | | | | |
| Auburn. | 70 | 18 | 41.4 | 4.08 | 16.0 | Westfield b. | 70 | 20 | 39.5 | 2.30 | 5.5 | Parker River. | 75 | 8 | 37.5 | 2.05 | 10.5 |
| Avon. | 71 | 13 | 39.6 | 2.37 | 16.0 | Windham. | 67 | 15 | 40.0 | 3.21 | 4.0 | Pembina. | 76 | 12 | 35.7 | 1.09 | 6.4 |
| Ballston Lake. | 68 | 20 | 41.9 | 3.12 | 9.6 | Youngstown. | | | | | | Power. | 76 | 10 | 37.4 | 2.82 | 10.0 |
| Bedford. | 76 | 13 | 43.7 | 4.55 | | | | | | | | Rolla. | 75 | 10 | 34.5 | 0.98 | 2.3 |
| Berlin. | 68 | 15 | 42.4 | 3.70 | T. | | | | | | | Steele. | 79 | 11 | 39.0 | 0.75 | 7.0 |
| Blue Mountain Lake. | | | | 3.30 | 21.0 | | | | | | | University. | 72 | 10 | 37.6 | 1.53 | 7.3 |
| Bolivar. | 67 | 13 | 38.8 | 2.37 | 6.9 | | | | | | | Wahpeton. | 80 | 10 | 39.5 | 2.83 | 12.1 |
| Bouckville. | 67 | 13 | 39.2 | 3.80 | 14.0 | | | | | | | Willow City. | 78 | 15 | 36.6 | 1.06 | 7.0 |
| Boyds Corners. | | | | 4.23 | | | | | | | | Wishek ^b . | 91 | 17 | 40.6 | 4.0 | 4.0 |
| Brockport. | 74 | 14 | 40.8 | 2.63 | 13.3 | | | | | | | Ohio. | | | | | |
| Caldwell. | 65 | 18 | 40.4 | 3.16 | 8.5 | | | | | | | Akron. | 70 | 16 | 42.6 | 4.15 | 1.1 |
| Canajoharie. | 72 | 18 | 39.7 | 2.76 | 9.2 | | | | | | | Amesville. | 76 | 20 | 48.4 | 2.65 | 1.1 |
| Carmel. | 68 | 22 | 42.6 | 4.80 | 0.2 | | | | | | | Atwater. | | | | 6.25 | |
| Carvers Falls. | 69 | 17 | 41.5 | 2.93 | 5.0 | | | | | | | Bangorville. | 77 | 18 | 43.2 | 4.73 | 1.2 |
| Chazy. | 64 | 22 | 41.9 | 2.75 | 3.0 | | | | | | | Bellefontaine. | 76 | 13 | 42.2 | 4.55 | 2.0 |
| Cooperstown. | 67 | 16 | 38.4 | 2.84 | 7.0 | | | | | | | Benton Ridge. | 77 | 20 | 44.3 | 3.52 | 0.2 |
| Cortland. | 67 | 16 | 40.3 | ..... |  |  |  |  |  |  |  | Bladensburg. | 76 | 18 | 43.6 | 6.24 | T. |
| Cutchogue. | 67 | 26 | 45.2 | 6.28 | 2.0 | | | | | | | Bowling Green. | 77 | 19 | 43.6 | 2.46 | T. |
| Dearkab Junction. | | | | 3.05 | 7.5 | | | | | | | Bucyrus. | 76 | 20 | 42.8 | 4.75 | T. |
| De Ruyter. | 70 | 19 | 40.2 | 3.11 | 12.7 | | | | | | | Cadiz. | 75 | 15 | 44.7 | 4.05 | 2.9 |
| Easton. | 66 | 9 | 38.3 | 3.82 | 15.9 | | | | | | | Cambridge. | 78 | 18 | 46.2 | 2.83 | T. |
| Elba. | 65 | 10 | 38.2 | 7.17 | 39.0 | | | | | | | Camp Penison. | 78 | 22 | 48.3 | 2.48 | T. |
| Elmira. | 71 | 20 | 43.2 | 2.77 | | | | | | | | Canal Dover. | 74 | 14 | 44.2 | 4.63 | 0.5 |
| Faust. | 67 | 10 | 36.7 | 1.67 | 9.5 | | | | | | | Canton. | 72 | 17 | 42.4 | 5.67 | 2.3 |
| Fayetteville. | 70 | 18 | 42.0 | 3.37 | 12.0 | | | | | | | Cardington. | 77 | 20 | 43.0 | 4.60 | 1.0 |
| Fort Plain. | 70 | 22 | 43.8 | 2.93 | 8.0 | | | | | | | Circleville. | 77 | 23 | 46.4 | 2.53 | 2.0 |
| Frauklinville. | 68 | 15 | 37.6 | 4.03 | 9.6 | | | | | | | Clarington. | 79 | 21 | 47.5 | 3.39 | 1.1 |
| Gabriels. | 67 | 7 | 35.4 | 2.13 | 10.0 | | | | | | | Clarksville. | 75 | 23 | 46.6 | 3.45 | 0.4 |
| Gansevoort. | | | | 4.47 | 11.0 | | | | | | | Cleveland a. | 70 | 23 | 42.4 | 4.30 | 0.7 |
| Glen Falls. | 66 | 19 | 42.5 | 3.38 | 8.5 | | | | | | | Cleveland b. | 72 | 23 | 40.7 | 1.54 | T. |
| Gloversville. | 65 | 17 | 39.6 | 4.28 | 7.0 | | | | | | | Colebrook. | 75 | 18 | 47.9 | 2.21 | T. |
| Greenwich. | 67 | 18 | 41.6 | 2.37 | 6.0 | | | | | | | Dayton a. | | | | 2.70 | |
| Griffin Corners. | 65 | 11 | 37.6 | 2.98 | 1.2 | | | | | | | Dayton b. | 77 | 22 | 45.4 | 3.18 | 2.8 |
| Harkness. | 65 | 21 | 41.2 | 2.78 | 6.8 | | | | | | | Defiance. | 78 | 18 | 43.1 | 2.61 | T. |
| Haskinville. | | | | 2.03 | | | | | | | | Delaware. | 78 | 20 | 44.0 | 4.05 | 0.8 |
| Henlock. | 62 | 21 | 39.8 | 2.32 | 10.3 | | | | | | | Demos. | 75 | 20 | 45.8 | 3.31 | 0.2 |
| Indian Lake. | 62 | 11 | 34.8 | 2.44 | 8.6 | | | | | | | Elyria. | 77 | 21 | 43.2 | 3.11 | 0.5 |
| Ithaca. | 69 | 19 | 40.2 | 2.93 | 5.4 | | | | | | | Findlay. | 80 | 20 | 43.6 | 2.90 | T. |
| Jamesstown. | 71 | 16 | 40.0 | 3.75 | 10.8 | | | | | | | Frankfort. | 79 | 22 | 48.6 | 2.23 | T. |
| Jeffersoville. | 69 | 18 | 41.6 | 3.76 | T. | | | | | | | Fremont. | 79 | 22 | 44.5 | 3.36 | T. |
| Keene Valley. | 67 | 16 | 38.9 | 2.86 | 10.0 | | | | | | | Garretttsville. | 72 | 15 | 41.6 | 4.27 | 0.8 |
| Le Roy. | 69 | 14 | 40.0 | 5.18 | 23.6 | | | | | | | Granville. | 75 | 21 | 44.8 | 3.90 | 0.5 |
| Liberty. | 64 | 14 | 38.8 | 3.72 | 21.0 | | | | | | | Gratiot. | 73 | 20 | 45.1 | 3.38 | 1.7 |
| Littlefells, City Res. | 65 | 16 | 39.3 | 2.64 | 4.0 | | | | | | | Green. | 75 | 24 | 49.2 | 3.36 | T. |
| Lockport. | 71 | 19 | 40.2 | 2.43 | | | | | | | | Greenfield. | 73 | 25 | 46.9 | 2.11 | T. |
| Lowville. | 65 | 15 | 38.0 | 2.52 | 13.3 | | | | | | | Greenhill. | 71 | 9 | 41.6 | 5.19 | 1.3 |
| Lyons. | 70 | 15 | 41.6 | 5.58 | 27.0 | | | | | | | Greenville. | 80 | 20 | 44.4 | 4.49 | 0.5 |
| Middletown. | 70 | 22 | 44.4 | 3.66 | T. | | | | | | | Hanging Rock. | 76 | 21 | 50.6 | 2.59 | T. |
| Mohonk Lake. | 69 | 19 | 41.6 | 3.75 | | | | | | | | | | | | | |

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

| Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | |
|-----------------------|-------------------------------|----------|-------------------|--------------------------|-------------------------|-------------------|-------------------------------|-----------------|-------------------|--------------------------|-------------------------|------------------------|-------------------------------|----------|-------|--------------------------|-------------------------|
| | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. |
| | | | | | | | | | | | | | | | | | |
| <i>Ohio—Cont'd.</i> | | | | | | | | | | | | | | | | | |
| Kenton | 78 | 19 | 44.7 | 5.58 | 1.2 | Aurora (near) | 89 | 89 | 52.9 | 1.93 | 3.0 | Pennsylvania—Cont'd. | 86 | 21 | 48.4 | 1.36 | T. |
| Killbuck | 75 | 17 | 43.2 | 4.20 | 0.5 | Bay City | 80 | 31 | 50.7 | 8.41 | 5.0 | Hanover | 86 | 21 | 48.4 | 1.36 | T. |
| Lancaster | 79 | 21 | 45.9 | 2.55 | 1.0 | Bend | 80 | 23 | 46.6 | 2.43 | 3.37 | Herks Island Dam | 87 | 21 | 48.4 | 2.0 | T. |
| Lima | 77 | 19 | 44.4 | 5.99 | T. | Beulah | 81 | 22 | 46.5 | 2.72 | 1.0 | Huntingdon a. | 74 | 19 | 45.0 | 4.05 | 1.3 |
| McConnelsville | 73 | 20 | 45.5 | 3.33 | 2.2 | Blackbutte | 84 | 30 | 48.8 | 3.40 | 2.2 | Huntingdon b. | 75 | 17 | 43.6 | 4.98 | 2.2 |
| Manara | 74 | 18 | 45.8 | 2.63 | 2.0 | Blalock | 88 | 34 | 58.1 | 1.04 | 1.0 | Indiana | 78 | 11 | 46.2 | 4.64 | 1.5 |
| Mansfield | | | | | | Bullrun | | | | | | Irwin | 78 | 11 | 46.4 | 4.45 | 0.8 |
| Marietta | 74 | 24 | 49.6 | 2.48 | 1.0 | Burns | 78 ¹ | 25 ¹ | 48.8 ¹ | 3.0 | 1.0 | Johnstown | 74 | 23 | 46.4 | 4.40 | T. |
| Marion | 80 | 19 | 43.9 | 5.06 | T. | Burns (near) | | | | | | Keating | | | | | T. |
| Medina | 75 | 16 | 42.2 | 3.83 | T. | Butter Creek | | | | | | Kennett Square | 79 | 25 | 47.7 | 2.65 | T. |
| Milfordton | 76 | 18 | 42.6 | 4.37 | 1.0 | Cascade Locks | 83 | 31 | 53.5 | 3.45 | 1.0 | Lansdale | | | | | T. |
| Milligan | 74 | 13 | 45.6 | 3.26 | 2.0 | Coquille | | | | | | Lawrenceville | 68 | 17 | 41.0 | 2.95 | T. |
| Millport | 73 | 7 | 42.4 | 4.33 | 3.0 | Corvallis | 86 | 30 | 53.2 | 1.82 | 1.0 | Lebanon | 80 | 24 | 47.2 | 2.48 | 0.2 |
| Montpelier | 78 | 19 | 43.5 | 3.34 | T. | Dayville | 91 | 28 | 52.6 | 1.26 | 1.0 | Leroy | 67 | 16 | 40.8 | 3.15 | 0.6 |
| Napoleon | 77 | 20 | 44.4 | 2.24 | T. | Detroit | | | | | | Lewisburg | 79 | 23 | 45.5 | 3.78 | 0.2 |
| Nellie | 73 | 21 | 44.4 | 4.27 | T. | Doraville | 89 | 31 | 51.8 | 4.48 | 1.0 | Lockhaven | 77 | 21 | 46.2 | 4.52 | T. |
| New Alexandria | 78 | 16 | 44.3 | | | Drain | 92 | 32 | 54.3 | 3.26 | 1.0 | Lockhaven b | | | | | T. |
| New Berlin | 70 | 15 | 42.8 | 5.79 | T. | Ella | | | | | | Lock No. 4 | | | | | T. |
| New Bremen | 78 | 20 | 44.8 | 6.13 | 1.5 | Eugene | 84 | 32 | 52.4 | 3.83 | 1.0 | Lycippus | 76 | 19 | 45.5 | 2.74 | 0.8 |
| New Richmond | 75 | 25 | 48.8 | 2.18 | 0.1 | Fairview | 94 | 32 | 52.8 | 4.53 | 1.0 | Marion | 79 | 24 | 46.8 | 2.54 | T. |
| New Waterford | 75 | 10 | 42.8 | 5.72 | T. | Falls City | | | | | | Mifflintown | 76 | 22 | 46.1 | 4.42 | T. |
| North Lewisburg | 77 | 20 | 44.8 | 4.14 | 1.0 | Forestgrove | 87 | 30 | 53.8 | 2.78 | 1.0 | Milford | 74 | 12 | 43.6 | 3.09 | 0.5 |
| North Royalton | 73 | 18 | 41.6 | 2.79 | T. | Gardiner | 93 | 35 | 54.4 | 6.83 | 1.0 | Montrose | 65 | 12 | 40.4 | 3.22 | 4.6 |
| Northwalk | 80 | 21 | 42.5 | 3.68 | T. | Glenora | 89 | 30 | 49.6 | 8.75 | 1.0 | New Germanstown | 77 | 22 | 45.8 | 3.69 | 0.3 |
| Oberlin | 76 | 19 | 42.6 | 2.68 | T. | Gold Beach | 92 | 37 | 53.6 | 5.91 | 1.0 | Oil City | | | | | T. |
| Ohio State University | 75 | 19 | 43.6 | 2.98 | 1.8 | Government Camp | 70 | 15 | 40.3 | 3.63 | 1.0 | Ottsville | | | | | T. |
| Orangeville | 69 | 16 | 42.4 | 3.75 | 0.5 | Grants Pass | 91 | 29 | 52.9 | 2.40 | 1.0 | Parker | | | | | T. |
| Ottawa | 80 | 19 | 45.0 | 3.91 | T. | Hood River (near) | 86 | 28 | 52.4 | 1.46 | 1.0 | Philadelphia | 79 | 27 | 50.2 | 1.89 | T. |
| Pataskala | 75 | 20 | 44.6 | 3.23 | 1.3 | Huntington | 82 | 27 | 52.0 | 1.61 | 1.0 | Pocono Lake | 68 | 16 | 39.6 | 2.74 | 3.0 |
| Philo | 74 | 19 | 46.1 | 2.41 | 0.6 | Jacksonville | 91 | 28 | 54.2 | 2.93 | 1.0 | Point Pleasant | | | | | T. |
| Plattsburgh | 75 | 20 | 44.6 | 3.47 | T. | Joseph | 85 | 23 | 47.4 | 1.36 | 1.0 | Pottsville | | | | | T. |
| Pomeroy | 77 | 22 | 46.5 | 2.88 | 0.8 | Kerby | 90 | 29 | 50.7 | 2.95 | 1.0 | Quakertown | 80 | 21 | 46.7 | 2.45 | T. |
| Portsmouth a. | | | | | | Klamath Falls e. | 78 | 17 | 47.2 | | | Reading | 80 | 26 | 48.1 | 2.46 | T. |
| Portsmouth b. | 77 | 25 | 49.1 | 2.31 | 1.0 | Lagrange | 81 | 28 | 49.2 | 1.07 | 1.0 | Renovo | 75 | 22 | 44.0 | 4.06 | 0.8 |
| Pulse | 72 | 24 | 47.0 | 2.45 | T. | Lakeview | 79 | 10 | 42.9 | 2.76 | 1.0 | Saegerstown | 71 | 11 | 40.4 | 3.92 | 2.0 |
| Richwood | 77 | 20 | 43.8 | 4.04 | T. | Langlois | 85 | 11 | 42.9 | 6.78 | 1.0 | St. Marys | 62 | 17 | 40.0 | 3.25 | 1.0 |
| Rittman | 75 | 17 | 42.2 | 4.55 | 0.5 | Lone rock | 78 | 24 | 48.2 | 1.15 | 1.0 | Saltsburg | | | | | T. |
| Rockyridge | 78 | 20 | 43.3 | 1.70 | T. | McKeenzie Bridge | 93 | 25 | 51.1 | 5.00 | 1.0 | Seisholtzville | | | | | T. |
| Sheuandoah | 74 | 18 | 41.3 | 4.66 | 0.4 | McMinnville | 87 | 31 | 53.8 | 1.80 | 1.0 | Selinsgrove | 81 | 20 | 47.3 | 3.70 | 1.0 |
| Sidney | 81 | 22 | 46.1 | 4.23 | 0.4 | Meacham | | | | | | Shawmont | | | | | T. |
| Somerset | 76 | 21 | 45.8 | 3.73 | 1.5 | Monroe | 85 | 30 | 52.8 | 1.89 | 1.0 | Skidmore | 75 | 11 | 43.2 | 5.01 | T. |
| Springfield | | | | | | Mount Angel | 85 | 31 | 53.9 | 2.77 | 1.0 | Smiths Corner | 66 | 11 | 39.0 | 2.34 | 2.0 |
| Thurman | 77 | 20 | 49.2 | 2.50 | T. | Nehalem | | | | | | Somerset | 74 | 15 | 41.6 | 5.81 | 5.4 |
| Tiffin | 77 | 21 | 43.4 | 3.15 | 0.2 | Newport | 86 | 35 | 51.4 | 4.67 | 1.0 | South Eaton | 70 | 20 | 44.5 | 3.21 | T. |
| Upper Sandusky | 79 | 20 | 44.4 | 6.12 | 1.0 | Ontario | | | | | | Springmount | | | | | T. |
| Urbana | 73 | 20 | 42.4 | 3.58 | T. | Paisley | 81 | 22 | 49.2 | | | State College | 66 | 19 | 42.5 | 5.42 | 0.4 |
| Vickery | 78 | 21 | 43.4 | 3.09 | T. | Pendleton | 92 | 28 | 56.7 | 0.75 | 1.0 | Swarthmore | 79 | 25 | 47.9 | 2.07 | T. |
| Warren | 74 | 21 | 42.0 | 3.83 | 0.9 | Pine | 83 | 22 | 48.3 | 0.67 | 1.0 | Towanda | 68 | 20 | 43.0 | 2.48 | 0.5 |
| Wauseon | 78 | 19 | 42.2 | 2.82 | 0.2 | Prineville | 82 | 26 | 48.4 | 1.66 | 1.0 | Troutrun | | | | | T. |
| Waverly | 77 | 21 | 47.0 | 2.63 | 4.0 | Riverside | 83 | 23 | 51.4 | 1.60 | 1.0 | Uniontown | | | | | T. |
| Waynesville | 76 | 23 | 46.4 | 2.54 | | Salem | 87 | 33 | 53.8 | 1.68 | 1.0 | Warren | 81 | 18 | 46.9 | 3.72 | 5.7 |
| Wellington | 77 | 20 | 43.4 | 3.47 | T. | Silverlake d. | 82 | 16 | 45.6 | 0.98 | 1.0 | Wellsboro | 72 | 20 | 41.6 | 4.27 | 1.0 |
| Willoughby | | | | | | Sparta | 72 | 22 | 45.7 | 1.77 | 1.0 | Westchester | 79 | 24 | 47.2 | 2.34 | T. |
| Wilson | 78 | 20 | 47.1 | 1.81 | T. | Stafford | 87 | 23 | 53.5 | 3.37 | 1.0 | West Newton | | | | | T. |
| Wooster | 72 | 12 | 42.8 | 6.59 | 2.2 | The Dalles | 83 | 31 | 53.3 | 0.98 | 1.0 | Wilkesbarre | 72 | 21 | 45.1 | 2.34 | 0.5 |
| Zanesville | | | | | | Toledo | 92 | 33 | 51.4 | 5.90 | 1.0 | Williamsport | 74 | 23 | 45.8 | 3.63 | T. |
| <i>Oklahoma.</i> | | | | | | Umatilla | 86 | 30 | 57.6 | 0.51 | | <i>Rhode Island.</i> | | | | | T. |
| Arapaho | 97 | 28 | 60.0 | 1.24 | | Vale | 81 | 25 | 50.4 | 1.88 | | Bristol | 59 | 25 | 43.8 | 8.33 | 1.0 |
| Beaver | 90 | 29 | 56.2 | 0.99 | | Wallowa | 81 | 23 | 48.2 | 0.75 | | Kingston | 66 | 20 | 43.0 | 9.70 | 1.5 |
| Binger | 94 | 27 | 59.8 | 1.23 | | Wamic | 80 | 23 | 49.8 | 2.15 | | Pawtucket | 68 | 24 | 45.0 | 8.71 | T. |
| Chandler | 90 | 31 | 58.4 | 0.95 | | Warm Spring | 84 | 22 | 52.4 | 1.88 | | Providence | 67 | 26 | 47.0 | 9.45 | 2.5 |
| Cleo | 94 | 23 | 58.8 ¹ | 5.06 | | Weston | 79 | 24 | 49.6 | 2.19 | | Providence c. | 66 | 22 | 44.6 | 9.34 | 2.0 |
| Cloud Chief | 97 | 29 | 58.1 | 2.72 | | Williams | 92 | 28 | 51.6 | 1.82 | | <i>South Carolina.</i> | | | | | T. |
| Eldorado | 100 | 30 | 64.8 | 0.80 | | | | | | | | Aiken | 85 | 32 | 59.5 | 1.45 | T. |
| Enid | 90 | 30 | 56.4 | 2.11 | | | | | | | | Allendale | 86 | 41 | 63.4 | 0.60 | T. |
| Fort Reno | 93 | 30 | 59.9 | 1.50 | | | | | | | | Anderson | 83 | 32 | 59.8 | 1.95 | T. |
| Fort Sill | 92 | 33 | 61.8 | 1.20 | | | | | | | | Barksdale | 83 | 32 | 58.3 | 1.74 | T. |
| Grand | | | | | | | | | | | | Batesburg | 87 | 32 | 57.4 | 2.43 | T. |
| Guthrie | 90 | 35 | 59.0 | 1.00 | | | | | | | | Beaufort | 86 | 40 | 63.2 | 0.83 | T. |
| Harrington | 94 | 31 | 59.3 | 2.18 | | | | | | | | Bennettsville | 85 | 30 | 60.3 | 2.12 | T. |
| Hennessey | 94 | 29 | 58.2 | 4.12 | | | | | | | | Blackville | 86 | 33 | 61.0 | 0.63 | T. |
| Hobart | 98 | 31 | 61.4 | 0.95 | | | | | | | | Bowman | 87 | 32 | 61.2 | 1.48 | T. |
| Jefferson | 86 | 31 | 55.6 | 4.88 | | | | | | | | Calhoun Falls | | | | | T. |
| Jenkins | 89 | 26 | 56.5 | 2.17 | | | | | | | | Canfield | | | | | T. |
| Kenton | 86 | 25 | 53.0 | 0.58 | | | | | | | | Cheraw a. | 84 | 30 | 58.0 | 1.41 | T. |
| Kingfisher | 95 | 30 | 59.9 | 1.55 | | | | | | | | Cheraw b. | | | | | T. |
| McComb | 90 | 29 | 59.8 | 1.53 | | | | | | | | Clarks Hill | 82 | 35 | 59.2 | 1.20 | T. |
| Mangum | 100 | 38 | 63.6 | 2.10 | | | </td | | | | | | | | | | |

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

| Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | |
|--------------------------------|-------------------------------|-----------------|-------------------|---------------------|---------------------------|-------------------------------|-------------------------|-------------------|---------------------|-----------------------|-------------------------------|-------|--------------------------|-------------------------|------|
| | Maximum. | Minimum. | Mean. | | | Rain and melted snow. | Total depth of snow. | Maximum. | | | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | |
| <i>South Carolina</i> —Cont'd. | ° | ° | ° | Ins. | <i>Tennessee</i> —Cont'd. | ° | ° | ° | Ins. | <i>Texas</i> —Cont'd. | ° | ° | ° | Ins. | Ins. |
| St. Matthews | 83 | 33 | 59.0 | 1.14 | Franklin | 80 | 30 | 54.0 | 5.53 | Hillsboro | 92 | 35 | 64.6 | 2.65 | |
| St. Stephens | 85 | 27 | 58.8 | 2.21 | Grace | 80 | 21 | 51.6 | 2.60 | Hondo | 92 | 44 | 69.0 | 4.92 | |
| Saluda | 85 | 27 | 55.8 | 1.77 | Greeneville | 78 | 21 | 53.6 | 3.08 | Houston | 87 | 41 | 68.8 | 4.83 | |
| Santuck | 84 | 25 | 57.2 | 0.98 | Halla Hill | 78 | 21 | 53.6 | 3.47 | Huntsville | 88 | 36 | 66.2 | 2.30 | |
| Seivern | 86 | 27 | 58.1 | 0.83 | Harriman | 77 | 30 | 53.6 | 2.64 | Ira | 98 | 35 | 63.8 | 2.00 | |
| Smiths Mills | | | | 1.14 | Iron City | 80 | 28 | 55.7 | 3.21 | Jasper | 86 | 36 | 64.6 | 4.32 | |
| Society Hill | 82 | 31 | 58.8 | 2.13 | Isabella | 75 | 26 | 52.6 | 2.64 | Jefferson | 83 | 35 | 62.8 | 4.98 | |
| Spartanburg | 83 | 21 | 55.6 | 1.52 | Jackson | 80 | 28 | 54.8 | 4.43 | Jewett | 87 | 33 | 64.5 | 6.05 | |
| Statesburg | 85 | 35 | 60.6 | 1.44 | Johnsonville | 82 | 27 | 54.9 | 4.20 | Junction | 89 | 39 | 65.4 | 1.65 | |
| Summerville | 87 | 33 | 59.9 | 0.87 | Jonesboro | 78 | 25 | 50.8 | 3.59 | Kaufman | 89 | 39 | 65.4 | 3.41 | |
| Trenton | 84 ^a | 37 ^a | 68.1 ^a | 0.83 | Kenton | 80 | 29 | 53.8 | 4.03 | Kent | 94 | 35 | 64.0 | 0.01 | |
| Trial | 85 | 29 | 58.8 | 0.90 | Kingston | | | | | Kerryville | 91 | 42 | 70.8 | 1.85 | |
| Walhalla | 80 | 25 | 55.4 | 1.70 | Lafayette | 79 | 26 | 52.5 | 2.62 | Kuickerbocker | 98 | 36 | 66.8 | 2.43 | |
| Walterboro | 89 | 33 | 60.8 | 0.94 | Lewisburg | 80 | 29 | 55.8 | 2.73 | Kopperl | 92 | 34 | 64.5 | 3.10 | |
| Winnsboro | 84 | 35 | 60.6 | 2.05 | Lynville | 78 | 30 | 54.7 | 2.23 | Lampasas | | | | | |
| Winthrop College | 83 | 30 | 57.5 | 1.04 | McMinnville | 83 | 25 | 53.6 | 3.30 | Laureles Ranch | | | | | |
| Yemassee | 88 | 36 | 61.5 | 0.93 | Maryville | 78 | 29 | 53.8 | 2.77 | Liberty | 94 | 51 | 67.4 | 5.70 | |
| Yorkville | 86 | 32 | 58.4 | 1.31 | Milan | 80 | 30 | 53.0 | 5.07 | Llano | 94 | 51 | 67.4 | 3.45 | |
| <i>South Dakota</i> | | | | | Monterey | 75 | 25 | 50.6 | 3.57 | Longview | 86 | 38 | 63.4 | 6.23 | |
| Aberdeen | 78 | 15 | 40.9 | 6.80 | Newport | 80 | 25 | 52.5 | 2.70 | Luting | 93 | 36 | 67.5 | 2.42 | |
| Academy | 81 | 11 | 44.4 | 2.66 | Palmetto | 80 | 28 | 55.2 | 2.72 | McKinney | 90 | 45 | 67.6 | 5.56 | |
| Alexandria | 80 | 13 | 42.6 | 2.75 | Pope | 83 | 28 | 56.3 | 4.40 | Mann | 92 | 35 | 66.0 | 2.99 | |
| Armour | 87 | 18 | 45.6 | 2.80 | Rogersville | 77 | 21 | 51.8 | 3.21 | Marlin | 89 | 39 | 64.2 | 4.24 | |
| Ashcroft | 80 | 16 | 43.0 | 0.44 | Rugby | 79 | 20 | 48.6 | 3.65 | Menardville | 92 | 29 | 62.0 | 0.52 | |
| Bowdle | 81 | 11 | 41.6 | 2.03 | Savannah | 82 | 31 | 56.2 | 3.82 | Mount Blanco | 95 | 31 | 59.9 | 0.02 | |
| Brookings | 77 | 12 | 40.8 | 1.78 | Sewanee | 76 | 26 | 51.4 | 2.31 | Nacogdoches | 85 | 34 | 63.1 | 4.41 | |
| Canton | 78 | 16 | 43.0 | 2.03 | Silverlake | 75 | 18 | 47.6 | 3.02 | New Braunfels | 91 | 39 | 68.6 | 2.99 | |
| Cavite | 83 | 8 | 45.8 | 0.30 | Springdale | 80 | 17 | 50.2 | 2.83 | Orange | | | | | |
| Centerville | | | | 3.0 | Springville | 81 | 27 | 54.4 | 3.22 | Panter | | | | | |
| Chamberlain | 83 | 4 | 45.2 | 1.18 | Tazewell | | | | | Paris | 89 | 34 | 62.0 | 2.45 | |
| Cherrycreek | 88 | 15 | 46.7 | 0.10 | Tellico Plains | 80 | 27 | 55.6 | 1.89 | Pearshall | 96 | 45 | 72.6 | 2.45 | |
| Clark | 81 | 12 | 40.5 | 2.00 | Tracy City | 75 | 27 | 50.8 | 2.90 | Pecos | 93 | 40 | 68.0 | 0.00 | |
| Clear Lake | 73 | 16 | 39.1 | 3.28 | Trenton | 80 | 29 | 57.4 | 5.17 | Port Lavaca | 82 | 46 | 70.4 | 4.76 | |
| Desmet | 78 | 11 | 41.4 | 1.86 | Tullahoma | 81 | 27 | 53.8 | 3.47 | Rhineland | 97 | 32 | 61.3 | 0.00 | |
| Doland | 80 | 8 | 39.5 | 1.87 | Waynesboro | 79 | 28 | 55.1 | 3.84 | Riverside | | | | | |
| Elkpoint | 78 | 12 | 45.4 | 4.29 | Wildersville | 77 | 33 | 55.3 | 3.75 | Rock Island | 87 | 38 | 68.8 | 2.89 | |
| Fairfax | 80 | 12 | 45.0 | 1.60 | Yukon | 80 | 29 | 55.7 | 3.23 | Rockland | | | | | |
| Farmingdale | | | | | <i>Texas</i> . | | | | | Rockport | 76 | 58 | 67.0 | 1.88 | |
| Faulkton | 83 | 9 | 41.1 | 2.00 | Albany | 95 | 37 | 65.2 | 2.17 | Runge | 95 | 40 | 71.4 | | |
| Flandreau | 79 | 14 | 41.6 | 2.21 | Alvin | 86 | 43 | 69.4 | 3.14 | Sabinal | 96 | 38 | 69.6 | 2.88 | |
| Forestburg | 85 | 10 | 41.4 | 2.79 | Arthur | | | | | San Marcos | 91 | 36 | 67.2 | 1.64 | |
| Fort Meade | 81 | 15 | 45.8 | 0.96 | Athens | 94 | 33 | 65.1 | | San Saba | 95 | 31 | 66.6 | 1.46 | |
| Gandy Valley | 81 | 12 | 44.1 | 2.83 | Austin | 91 | 35 | 67.6 | 6.08 | Santa Gertrudes Ranch | | | | | |
| Grand River School | 85 | 9 | 44.6 | 0.52 | Ballinger | 95 | 36 | 64.8 | 1.51 | Sherman | 91 | 43 | 65.5 | 1.75 | |
| Greenwood | 79 | 13 | 45.4 | 1.79 | Beaumont | 88 | 55 | 73.1 | 3.40 | Sonora | 101 | 30 | 67.0 | 0.93 | |
| Highmore | 82 | 10 | 43.2 | 1.43 | Bigspring | 97 ^a | 39 | 65.0 | 1.12 | Sugarland | 83 | 38 | 66.2 | 3.54 | |
| Hotch City | 82 | 7 | 44.0 | 0.66 | Blanco | 93 | 33 | 63.8 | 2.70 | Sulphur Springs | 85 | 40 | 62.5 | 4.59 | |
| Howard | 76 ^a | 12 ^a | 41.0 ^a | 1.93 | Boerne | 91 | 39 | 66.0 | 4.26 | Temple a | 86 | 40 | 62.2 | 4.21 | |
| Howell | 82 | 7 | 41.0 | 1.60 | Brenham | 86 | 43 | 67.5 | 8.09 | Temple b | 86 | 40 | 62.8 | 4.21 | |
| Ipswich | 81 | 11 | 40.4 | 4.57 | Brighton | 82 | 42 | 72.4 | 1.44 | Tilden | 98 | 35 | 71.0 | 1.20 | |
| Kidder | 79 | 14 | 38.5 | 2.65 | Brownwood | 95 | 40 | 67.2 | 0.80 | Trinity | 88 | 34 | 66.5 | 5.14 | |
| Kimball | 81 | 11 | 43.0 | 1.51 | Burnet | 90 | 32 | 66.2 | 2.87 | Tulia | 93 | 28 | 56.1 | 0.95 | |
| Leola | 79 | 12 | 38.5 | 3.40 | Childress | 98 | 36 | 62.7 | 1.49 | Tyler | 88 | 40 | 62.6 | 3.17 | |
| Marion | 79 | 21 ^c | 43.6 ^c | 2.91 | Claytonville | 97 | 35 | 65.6 | 1.24 | Vernon | 97 | 41 | 66.4 | 0.05 | |
| Meeno | 80 | 12 | 43.1 | 2.19 | Coleman | 93 | 42 | 66.0 | 2.95 | Victoria | 87 | 41 | 70.6 | 3.33 | |
| Millbank | 77 | 18 | 40.3 | 2.25 | College Station | 88 | 39 | 67.2 | 3.03 | Waco | 92 | 44 | 66.4 | 4.97 | |
| Mitchell | 82 | 11 | 42.7 | 2.47 | Colorado | 99 | 34 | 66.2 | 1.42 | Waxahachie | 92 | 40 | 63.0 | 4.42 | |
| Oelrichs | 83 | 15 | 46.6 | 0.41 | Columbia | 85 | 38 | 68.2 | 3.47 | Weatherford | 93 | 40 | 63.6 | 2.13 | |
| Pedro | 86 ^a | 15 ^a | 46.8 ^a | | Columbus | | | | | Wichita Falls | | | | 3.35 | |
| Pine Ridge | 81 ^c | 11 ^c | 48.0 ^c | 0.20 | Comanche | 96 | 34 | 63.8 | 2.45 | Utah. | | | | | |
| Plankinton | 80 | 10 | 42.4 | 2.65 | Corristolock | 102 | 48 | 71.5 | 3.14 | Alpine | | | | | |
| Ramsey | 76 | 12 | 41.6 | 2.55 | Corsicana | 95 | 39 | 65.0 | 3.83 | Aneth | 85 | 25 | 55.0 | 0.03 | 3.02 |
| Redfield | 80 | 9 | 39.8 | 2.70 | Cotulla | 98 | 57 | 73.4 | 2.52 | Blackrock | 83 | 20 | 47.8 | 0.26 | 2.0 |
| Rosebud | 83 | 10 | 47.5 | 0.60 | Cuero | 90 | 41 | 72.2 | 2.95 | Bluegreen | | | | | |
| Silver City | | | | | Dallas | 92 | 36 | 62.8 | 4.75 | Callab | 84 | 20 | 47.7 | 0.28 | 2.0 |
| Sioux Falls | 80 | 13 | 41.8 | 2.87 | Danevang | 89 | 40 | 70.0 | 3.44 | Cisco | 85 | 25 | 54.9 | 0.18 | |
| Sisseton Agency | 74 | 13 | 38.0 | 2.99 | Decatur | 96 | 34 | 63.8 | 2.45 | Corinne | 86 | 26 | 51.0 | 0.50 | |
| Spearfish | 83 | 19 | 45.3 | 1.04 | Delaware | 95 | 34 | 65.8 | 2.00 | Coyote | 72 | 14 | 42.0 | 0.50 | |
| Stephan | 84 | 10 | 42.2 | 1.37 | Desert | 94 | 37 | 64.6 | 4.59 | Deseret | 84 | 19 | 48.1 | 0.13 | 3.0 |
| Tyndall | 80 | 20 | 44.4 | 3.32 | Fort Brown | 89 | 51 | 76.2 | 2.78 | Emery | 66 | 15 | 42.4 | T. | |
| Vermillion | 78 ^a | 21 ^a | 44.9 ^a | 2.95 | Fort Clark | 98 | 45 | 71.0 | 3.05 | Escalante | 82 | 21 | 48.4 | 0.54 | |
| Watertown | 78 | 13 | 40.1 | 0.83 | Fort Davis | 89 | 33 | 61.7 | 0.00 | Experiment Farm | 91 | 27 | 58.1 | | |
| Wentworth | 79 | 12 | 41.2 | 2.38 | Fort McIntosh | 100 | 48 | 77.2 | 2.66 | Farmington | 76 | 26 | 45.6 | 2.82 | 9.0 |
| Wolsey | | | | | Fort Ringgold | 99 | 48 | 79.8 | 0.57 | Fillmore | 86 | 23 | 50.8 | 0.26 | |
| <i>Tennessee.</i> | | | | | Fort Stockton | | | | | Fort Duchesne | 84 | 22 | 52.0 | 0.25 | |
| Andersonville | 77 | 18 | 48.4 | 2.22 | Fredericksburg | 91 ^a | 39 | 66.4 ^a | 2.55 | Frisco | 78 | 21 | 48.2 | 0.10 | |
| Arlington | 78 | 31 | 53.9 | 3.14 | Gainesville | 86 | 33 | 61.4 | 3.26 | Garrison | 82 | 18 | 48.6 | 0.06 | |
| Ashwood | 78 | 30 | 54.2 | 3.38 | Gatesville | 102 | 36 | 68.6 | 2.68 | Giles | 79 | 25 | 49.2 | 0.23 | |
| Bluff City | | | | | Georgetown | 94 | 37 | 66.3 | 2.00 | Government Creek | 79 | 21 | 47.0 | 0.79 | 1.5 |
| Bolivar | 78 | 32 | 53.8 | 3.50 | Grapevine | 93 | 39 | 64.8 | 3.94 | Grover | 75 | 20 | 45.7 | 1.65 | 12.0 |
| Bristol | 75 | 23 | 49.4 | 2.47 | Greenville | 89 | 36 | 63.1 | 5.66 | Heber | 78 | 18 | 45.1 | 0.96 | 7.0 |
| Brownsville | 78 | 35 | 55.2 | 4.78 | Hale Center | 90 | 34 | 58.6 | 0.14 | Henefer | 77 | 19 | 44.6 | 0.95 | T. |
| Byrdstown | 80 | 26 | 51.9 | 2.64 | Hallettsville | 90 | 36 | 70.6 | 0.98 | Hite | 94 | 33 | 60.4 | T. | |
| Carthage | 78 | 33 | ..... | 3.03 | Haskell | 101 | 36 | 65.8 | 1.15 | Huntsville | | | | | |
| Cat | | | | | | | | | | | | | | | |

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

| Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | |
|-------------------------------------|-------------------------------|----------|-------|--------------------------|-------------------------|----------------------------|-------------------------------|-----------------|-------------------|--------------------------|-------------------------|------------------------------|-------------------------------|----------|-------|--------------------------|-------------------------|
| | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. |
| | | | | | | | | | | | | | | | | | |
| Utah—Cont'd. | ° | ° | ° | Ins. | Ins. | Washington—Cont'd. | ° | ° | ° | Ins. | Ins. | Wisconsin. | ° | ° | ° | Ins. | Ins. |
| Mount Nebo | 80 | 24 | 49.1 | 0.33 | ..... | Danville | 81 | 24 | 48.9 | 1.70 | ..... | Amherst | 75 | 5 | 38.8 | 2.65 | 8.0 |
| Mount Pleasant | 78 | 15 | 47.1 | 1.12 | ..... | Dayton | 83 | 31 | 53.12 | 2.16 | ..... | Antigo | 75 | 15 | 39.8 | 2.30 | 17.0 |
| Odgen | 79 | 27 | 51.6 | 2.34 | ..... | East Sound | 71 | 29 | 50.4 | 1.37 | ..... | Appleton | 75 | 12 | 39.6 | 2.42 | 13.6 |
| Park City | 80 | 14 | 45.2 | 1.69 | 16.9 | Ellensburg | 80 | 21 | 49.8 | 0.73 | ..... | Appleton Marsh | 76 | — | 39.6 | 2.09 | 4.4 |
| Parowan | 78 | 21 | 47.3 | 1.27 | 12.7 | Ephrata | 82 | 30 | 54.2 | 0.50 | ..... | Ashland | — | — | 0.97 | T. | — |
| Pinto | 77 | 16 | 43.2 | 0.44 | 1.9 | Grandmound | 87 ^a | 27 ^b | 51.6 ^b | 3.01 | ..... | Barron | 78 | 10 | 39.3 | 2.20 | 17.5 |
| Plateau | 75 | 16 | 42.0 | 0.79 | 8.6 | Granite Falls | — | — | — | 6.08 | ..... | Beloit | 78 | 21 | 44.1 | 1.89 | — |
| Promontory * ¹ | 78 | 30 | 45.9 | 0.90 | ..... | Horseheaven | — | — | — | 0.89 | ..... | Brodhead | 83 | 19 | 43.2 | 2.03 | — |
| Provo | 89 | 24 | 50.0 | 1.56 | 8.0 | Kennewick | 89 | 21 | 56.8 | 0.35 | ..... | Burnett | 78 | 11 | 40.0 | 1.52 | 3.0 |
| Ranch | 75 | 15 | 42.6 | 0.44 | ..... | Lacenter | 89 | 29 | 52.2 | 4.24 | ..... | Butternut | 73 | — | 33.3 | 1.29 | 11.2 |
| Richfield | 84 | 23 | 47.7 | 0.07 | ..... | Lakeside | 80 | 32 | 50.8 | 1.05 | ..... | Chilton | 76 | 12 | 39.5 | 2.66 | 13.2 |
| Rockville | 92 | 26 | 59.0 | 0.19 | ..... | Lester | 85 | 29 | 49.6 | 2.85 | ..... | Chippewa Falls | — | — | 0.40 | — | — |
| St. George | 91 | 22 | 54.6 | 0.02 | ..... | Lind | 83 | 20 | 51.2 | 1.35 | ..... | Citypoint | 74 | 16 | 40.4 | 2.18 | 3.0 |
| Salt Air | 75 | 30 | 49.6 | 1.92 | ..... | Loomis | 82 | 28 | 52.0 | 2.50 | ..... | Darlington | 78 | 9 | 39.8 | 1.65 | 0.5 |
| Scipio | 81 | 18 | 48.1 | 0.27 | 1.0 | Mottinger Ranch | 87 | 33 | 59.0 | 1.20 | ..... | Dodgeville | 77 | 18 | 42.8 | 0.5 | — |
| Snowville | 79 | 19 | 46.2 | 1.38 | ..... | Mount Pleasant | 83 | 33 | 52.8 | 4.29 | ..... | Downing | 75 | 5 | 38.8 | 2.00 | 12.0 |
| Soldier Summit | 86 | 11 | 39.6 | 0.60 | 6.0 | Moxee | 84 | 23 | 53.0 | 0.65 | ..... | Durand | — | — | 1.20 | 1.0 | — |
| Terrace | 82 | 24 | 51.2 | 0.20 | 1.0 | Northport | 78 | 19 | 46.6 | 1.71 | ..... | Easton | 78 | 5 | 39.8 | 1.83 | 3.5 |
| Thistle | 87 | 23 | 50.0 | 0.90 | ..... | Olga | 68 | 33 | 50.1 | 1.46 | ..... | Eau Claire | 79 | 13 | 42.2 | 1.31 | 8.8 |
| Tooele | 79 | 25 | 49.1 | 2.05 | ..... | Olympia | 90 | 30 | 52.1 | 3.64 | ..... | Florence | 70 | 9 | 33.4 | 0.62 | 2.0 |
| Tropic | 77 | 14 | 45.0 | T. | ..... | Pinchill | 82 | 29 | 52.7 | 1.40 | ..... | Fond du Lac | 80 | 3 | 40.2 | 1.78 | 4.0 |
| Woodruff | 75 | 20 | 43.4 | 0.58 | T. | Port Townsend | 72 | 36 | 51.0 | 1.83 | ..... | Grand Rapids | 73 | 12 | 38.6 | 1.32 | 4.0 |
| Vermont. | | | | | | Pullman | 82 | 28 | 50.2 | 1.34 | ..... | Grand River Locks | — | — | 2.12 | 6.0 | — |
| Burlington | 65 | 22 | 48.3 | 3.06 | 10.0 | Rattlesnake | 78 | 28 | 48.2 | 0.26 | 0.5 | Grantsburg | 75 | 7 | 38.8 | 1.25 | 12.0 |
| Cavendish | 69 | 14 | 40.1 | 5.65 | 14.7 | Republic | 80 | 19 | 46.0 | 1.64 | ..... | Hancock | 73 | 7 | 38.8 | 1.45 | 4.0 |
| Chelsea | 60 | 12 | 36.7 | 2.82 | 17.0 | Ritzville | — | — | — | 0.35 | ..... | Harvey | 79 | 18 | 40.8 | 1.80 | 2.6 |
| Chittenden | | | | 3.94 | ..... | Ritzville (near) | 79 | 28 | 49.0 | 1.10 | ..... | Hayward | 72 | — | 35.4 | 2.67 | 18.5 |
| Cornwall | 69 | 18 | 42.0 | 3.65 | 19.0 | Rosalia | 78 | 28 | 49.0 | 1.63 | ..... | Hillsboro | 74 | 8 | 39.6 | 1.74 | 2.5 |
| Derby | 59 | 20 | 38.4 | 3.49 | 10.0 | Sedro-Woolley | 77 | 32 | 52.3 | 3.19 | ..... | Koepenick | 78 | 3 | 35.6 | 2.90 | 19.0 |
| Enosburg Falls | 69 | 12 | 41.3 | 2.43 | 7.0 | Snohomish | 79 | 30 | 51.6 | 4.53 | ..... | Lancaster | 77 | 18 | 41.9 | 2.25 | 1.5 |
| Jacksonville | 62 | 10 | 35.2 | 5.29 | 16.0 | Snoqualmie | 85 | 30 | 50.6 | 4.05 | ..... | Madison | 74 | 20 | 40.2 | 1.39 | 0.5 |
| Manchester | 65 | 18 | 39.9 | 2.72 | 5.0 | Southbound | 84 | 30 | 51.6 | 4.17 | ..... | Manitowoc | 64 | 14 | 38.2 | 2.01 | 8.5 |
| Morrisville | 69 | 9 | 40.2 | 3.00 | 14.5 | South Ellensburg | 80 | 22 | 49.9 | 0.09 | ..... | Meadow Valley | 75 | 10 | 38.9 | 1.69 | 5.8 |
| Norwich | 66 | 13 | 39.4 | 5.04 | 17.0 | Sprague | — | — | — | 0.75 | ..... | Medford | 73 | 4 | 37.6 | 3.05 | 16.0 |
| St. Johnsbury | 67 | 11 | 40.8 | 2.67 | 11.0 | Sunnyside | 82 | 27 | 53.6 | 0.23 | ..... | Menasha | — | — | 1.64 | 8.0 | — |
| Wells | 64 | 16 | 38.9 | 3.47 | 12.0 | Trinidad | 82 | 32 | 55.4 | 1.00 | ..... | Minocqua | 73 | — | 34.0 | 1.05 | 9.0 |
| Woodstock | 62 | 13 | 38.8 | 5.92 | 19.0 | Twisp | 83 | 17 | 46.1 | 1.89 | ..... | Mount Horeb | 65 | 13 | 37.2 | 1.98 | 2.0 |
| Virginia. | | | | | | Union | 77 ^a | 30 ^b | 49.8 ^b | 3.72 | ..... | Neillsville | 78 | 10 | 40.2 | 2.22 | 8.0 |
| Ashland | 83 | 24 | 52.3 | 2.93 | ..... | Vancouver | 89 | 31 | 53.9 | 2.44 | ..... | New London | 75 | 13 | 38.5 | 2.49 | 12.0 |
| Barbourville | 78 | 23 | 51.2 | 1.98 | T. | Vashon | 73 | 34 | 51.4 | 3.20 | ..... | Oconto | 72 | 11 | 38.8 | 2.40 | 10.0 |
| Bigstone Gap | 76 | 26 | 51.1 | 2.98 | T. | Waterville | 74 | 20 | 44.1 | 1.11 | ..... | Osceola | 77 | 7 | 39.6 | 1.52 | 9.0 |
| Blacksburg | 75 | 17 | 46.6 | 2.19 | T. | Wenatchee (near) | 76 | 27 | 49.2 | 1.57 | ..... | Oshkosh | 75 | 14 | 38.9 | 1.51 | 10.0 |
| Burkes Garden | 71 | 14 | 44.1 | 3.76 | T. | Wilbur | 80 | 26 | 50.4 | 1.25 | ..... | Pine River | 76 | 11 | 39.3 | 2.06 | 8.8 |
| Callaville | 93 | 27 | 55.6 | 2.05 | ..... | Zindel | 84 | 33 | 56.4 | 1.02 | ..... | Portage | 79 | 15 | 42.3 | 2.13 | 4.0 |
| Charlottesville | 82 | 26 | 52.8 | 2.70 | ..... | West Virginia. | | | | | | Port Washington | 64 | 9 | 36.4 | 2.60 | 8.0 |
| Clarksville | | | | 1.50 | ..... | Bayard | 75 | 16 | 42.5 | 3.18 | 1.0 | Prairie du Chien a | 79 | 20 | 44.5 | 2.38 | 0.5 |
| Columbia | 75 | 22 | 51.8 | 2.70 | ..... | Beckley | 76 | 18 | 47.3 | 1.35 | ..... | Prairie du Chien b | — | — | 2.16 | 0.5 | — |
| Dale Enterprise | 78 | 18 | 48.0 | 2.44 | 1.0 | Bens Run | 75 | 22 | 47.6 | 3.70 | 2.0 | Prentice | 72 | 9 | 36.0 | 1.69 | 15.0 |
| Danielle | 85 | 30 | 56.4 | 0.97 | ..... | Berkeley Springs | 77 | 23 | 48.0 | 2.22 | T. | Racine | 67 | 20 | 40.4 | 1.71 | — |
| Elk Knob | 72 | 23 | 48.0 | 3.02 | 0.5 | Beverly | 78 | 16 | 45.6 | 3.87 | 6.0 | Sheboygan | 64 | 15 | 39.0 | 2.37 | 11.0 |
| Farmville | 85 | 24 | 52.8 | 1.20 | ..... | Bluefield | 76 | 20 | 53.4 | 0.42 | ..... | Spooner | 74 | 0 | 37.3 | 1.07 | 10.7 |
| Fredericksburg | 81 | 25 | 51.6 | 2.50 | ..... | Bucknam | 78 | 19 | 47.8 | 3.23 | 3.0 | Stanley | 75 | 7 | 39.3 | 2.09 | 9.5 |
| Hampton | 79 | 31 | 55.0 | 1.36 | ..... | Burlington | 77 | 17 | 46.8 | 1.45 | 1.0 | Stevens Point | 78 | 16 | 40.0 | 1.72 | 6.0 |
| Hot Springs | 75 | 11 | 45.1 | 4.35 | ..... | Cairo | 78 | 15 | 48.4 | 3.81 | 1.0 | Valley Junction | 80 | 16 | 41.8 | 1.29 | 0.5 |
| Lexington | 83 | 20 | 50.5 | 2.11 | ..... | Central | 78 | 17 | 47.4 | 2.56 | 2.0 | Viroqua | 74 | 19 | 41.0 | 1.91 | 1.5 |
| Lincoln | | | | 2.52 | ..... | Chapel | 70 | 20 | 46.4 | 5.86 | ..... | Washburn | 65 | 13 | 35.6 | 1.39 | 9.2 |
| Marion | | | | 4.00 | ..... | Charleston | 78 | 26 | 51.6 | 4.08 | 0.2 | Watertown | 78 | 16 | 40.4 | 1.53 | 2.5 |
| McDowell | 90 | 16 | 43.0 | 2.37 | ..... | Creston | 84 | 20 | 48.4 | 2.89 | ..... | Waukesha | 80 | 17 | 39.4 | 1.97 | 3.0 |
| Mendota | | | | 3.29 | ..... | Cuba | 76 | 19 | 48.2 | 3.16 | 1.0 | Waupaca | 74 | 14 | 38.5 | 1.84 | 10.0 |
| Mount Weather | 74 | 20 | 43.6 | 3.80 | T. | Elkhorn | 75 | 22 | 49.8 | 3.85 | ..... | Wausau | 75 | 4 | 37.6 | 2.42 | — |
| Newport News | 90 | 30 | 60.2 | 2.91 | ..... | Fairmont | 77 | 19 | 47.8 | 3.14 | 0.5 | Whitehall | 76 | 11 | 40.5 | 1.66 | 3.0 |
| Petersburg | 83 | 28 | 54.7 | 1.61 | ..... | Grafton | 77 | 19 | 47.8 | 3.77 | 3.0 | Wyoming. | | | | | |
| Quantico | 86 | 25 | 52.3 | 1.06 | ..... | Harpers Ferry | — | — | — | 2.25 | ..... | Afton | 69 | 4 | 36.0 | 1.92 | 9.0 |
| Radford | | | | 2.82 | ..... | Hinton | — | — | — | 2.46 | T. | Alcovia | 77 | 18 | 45.8 | 0.47 | 3.4 |
| Riverton | </td | | | | | | | | | | | | | | | | |

TABLE II.—*Climatological record of voluntary and other cooperating observers.* Late reports for March—Continued.

EXPLANATION OF SIGNS.

*Extremes of temperature from observed readings of dry thermometer.

A numeral following the name of a station indicates the hours of observation from which the mean temperature was obtained, thus:

¹ Mean of 7 a. m. + 2 p. m. + 9 p. m. + 9 p. m. ÷ 4.
² Mean of 8 a. m. + 8 p. m. ÷ 2.

² Mean of 8 a. m. + 8 p. m. \div 2.

⁴ Mean of 6 a. m. + 6 p. m. ÷ 2.

⁵ Mean of 7 a. m. + 2 p. m. \div 2.

- Mean of readings at various hours reduced to true daily mean by special tables.

The absence of a numeral indicates that the mean temperature has been obtained from daily readings of the maximum and minimum thermometers.

An italic letter following the name of a station, as "Livingston *a*," "Livingston *b*," indicates that two or more observers, as the cases may be, are reporting from the same

servers, as the case may be, are reporting from the same station. A small roman letter following the name of a station, or in figure columns, indicates the number of days missing from the record; for instance "n" denotes 14 days missing.

No note is made of breaks in the continuity of temperature records when the same do not exceed two days. All known breaks, of whatever duration, in the precipitation record receive appropriate notice.

CORRECTIONS.

February, 1904, Georgia, Diamond, make minimum and mean temperatures read 13 and 43.4 instead of 5 and 39.4; March, 1904, make minimum and mean temperatures read 20 and 53.6 instead of 12 and 49.9.

March, 1904, Colorado, Durango, make snowfall 13.0 instead of 11.0 inches. Indiana, Markle, make precipitation 6.10 instead of 6.60. Iowa, Earlham, make precipitation 1.69 instead of 1.19. Kansas, Republic, make precipitation 0.49 instead of 1.39. Mississippi, Pittsburg, make precipitation 5.29 instead of 4.72. Wyoming, Phillips, make precipitation 0.41 instead of 0.95. Wyoming, Leo, make mean temperature 31.7 instead of 31.8.

Page 134, column 1, line 5 from top, make "below" read "above."
NOTE.—The following change has been made in the names of stations: Washington, Usk changed to Cusick.

TABLE III.—Resultant winds from observations at 8 a. m. and 8 p. m., daily, during the month of April, 1904.

| Stations. | Component direction from— | | | | Resultant. | | Stations. | Component direction from— | | | | Resultant. | |
|-----------------------------------|---------------------------|--------|--------|--------|-----------------|--------|------------------------------------|---------------------------|--------|--------|--------|-----------------|--------|
| | N. | S. | E. | W. | Direction from— | Dura- | | N. | S. | E. | W. | Direction from— | Dura- |
| <i>New England.</i> | | | | | | | <i>North Dakota—Continued.</i> | | | | | | |
| Eastport, Me. | Hours. | Hours. | Hours. | Hours. | o | Hours. | Williston, N. Dak. | Hours. | Hours. | Hours. | Hours. | o | Hours. |
| Portland, Me. | 13 | 24 | 16 | 20 | s. 20 w. | 12 | Minneapolis, Minn.* | 24 | 16 | 26 | 9 | n. 65 e. | 19 |
| Concord, N. H.† | 20 | 20 | 12 | 24 | w. | 12 | St. Paul, Minn. | 26 | 15 | 17 | 19 | n. 18 e. | 3 |
| Northfield, Vt. | 11 | 5 | 10 | 10 | n. | 6 | La Crosse, Wis.† | 15 | 8 | 4 | 7 | n. 10 w. | 11 |
| Boston, Mass. | 22 | 28 | 6 | 13 | s. 49 w. | 9 | Davenport, Iowa. | 19 | 12 | 21 | 20 | n. 23 w. | 8 |
| Nantucket, Mass. | 16 | 14 | 11 | 29 | n. 84 w. | 18 | Des Moines, Iowa. | 26 | 17 | 17 | 17 | n. 8 e. | 7 |
| Block Island, R. I. | 11 | 29 | 13 | 21 | s. 24 w. | 20 | Dubuque, Iowa. | 26 | 12 | 17 | 22 | n. 20 w. | 9 |
| Narragansett, R. I.* | 15 | 21 | 13 | 23 | s. 59 w. | 12 | Keokuk, Iowa. | 25 | 17 | 15 | 19 | n. 27 w. | 9 |
| New Haven, Conn. | 5 | 16 | 11 | 10 | s. 5 e. | 11 | Cairo, Ill. | 23 | 21 | 13 | 16 | n. 56 w. | 4 |
| Middle Atlantic States. | 22 | 18 | 16 | 19 | n. 37 w. | 5 | Springfield, Ill. | 22 | 18 | 12 | 19 | n. 60 w. | 8 |
| Albany, N. Y. | 24 | 22 | 6 | 19 | n. 81 w. | 13 | Hannibal, Mo.† | 10 | 7 | 8 | 10 | n. 34 w. | 4 |
| Binghamton, N. Y.† | 10 | 3 | 10 | 15 | n. 36 w. | 9 | St. Louis, Mo. | 20 | 18 | 22 | 15 | n. 74 e. | 7 |
| New York, N. Y. | 20 | 18 | 15 | 23 | n. 76 w. | 8 | <i>Missouri Valley.</i> | | | | | | |
| Harrisburg, Pa. | 20 | 16 | 15 | 24 | n. 66 w. | 10 | Columbia, Mo.* | 13 | 6 | 11 | 9 | n. 16 e. | 7 |
| Philadelphia, Pa. | 23 | 15 | 14 | 23 | n. 48 w. | 12 | Kansas City, Mo. | 19 | 16 | 24 | 17 | n. 67 e. | 8 |
| Scranton, Pa. | 17 | 16 | 11 | 28 | n. 87 w. | 17 | Springfield, Mo. | 21 | 20 | 18 | 15 | n. 72 e. | 3 |
| Atlantic City, N. J. | 21 | 19 | 11 | 24 | n. 81 w. | 13 | Topeka, Kans.* | 10 | 8 | 15 | 5 | n. 79 e. | 10 |
| Cape May, N. J. | 14 | 19 | 13 | 24 | s. 66 w. | 12 | Lincoln, Nebr. | 24 | 19 | 18 | 11 | n. 54 e. | 9 |
| Baltimore, Md. | 21 | 18 | 13 | 24 | n. 75 w. | 11 | Omaha, Nebr. | 25 | 20 | 18 | 11 | n. 54 e. | 9 |
| Washington, D. C. | 26 | 10 | 16 | 26 | n. 32 w. | 19 | Valentine, Nebr. | 25 | 16 | 17 | 15 | n. 13 e. | 9 |
| Cape Henry, Va.† | 8 | 13 | 10 | 6 | s. 39 e. | 6 | Sioux City, Iowa.† | 14 | 10 | 6 | 7 | n. 14 w. | 4 |
| Lynchburg, Va. | 15 | 19 | 12 | 29 | s. 77 w. | 18 | Pierre, S. Dak. | 21 | 16 | 19 | 19 | n. 5 | 5 |
| Norfolk, Va. | 19 | 27 | 11 | 13 | s. 14 w. | 8 | Huron, S. Dak. | 27 | 18 | 18 | 12 | n. 34 e. | 11 |
| Richmond, Va. | 20 | 21 | 12 | 21 | s. 84 w. | 9 | Yankton, S. Dak.† | 8 | 6 | 7 | 12 | n. 68 w. | 5 |
| Wytheville, Va. | 9 | 15 | 10 | 35 | s. 77 w. | 26 | <i>Northern Slope.</i> | | | | | | |
| <i>South Atlantic States.</i> | | | | | | | Havre, Mont. | 16 | 9 | 26 | 19 | n. 45 e. | 10 |
| Asheville, N. C. | 25 | 21 | 15 | 19 | n. 45 w. | 6 | Miles City, Mont. | 26 | 10 | 20 | 18 | n. 7 e. | 16 |
| Charlotte, N. C. | 13 | 22 | 15 | 23 | s. 42 w. | 12 | Helena, Mont. | 7 | 24 | 3 | 41 | s. 66 w. | 42 |
| Hatteras, N. C. | 20 | 19 | 14 | 23 | n. 84 w. | 9 | Kalispell, Mont. | 10 | 21 | 13 | 29 | s. 56 w. | 19 |
| Kittyhawk, N. C.* | | | | | | | Rapid City, S. Dak. | 24 | 14 | 15 | 24 | n. 42 w. | 14 |
| Raleigh, N. C. | 20 | 19 | 9 | 29 | n. 87 w. | 20 | Cheyenne, Wyo. | 25 | 17 | 19 | 24 | n. 60 w. | 16 |
| Wilmington, N. C. | 17 | 20 | 12 | 25 | s. 77 w. | 13 | Lander, Wyo. | 17 | 22 | 14 | 25 | s. 66 w. | 12 |
| Charleston, S. C. | 14 | 22 | 14 | 26 | s. 56 w. | 14 | Yellowstone Park, Wyo. | 12 | 29 | 3 | 32 | s. 60 w. | 34 |
| Columbia, S. C. | 14 | 17 | 16 | 24 | s. 69 w. | 8 | North Platte, Nebr. | 18 | 19 | 20 | 22 | s. 63 w. | 2 |
| Augusta, Ga. | 15 | 17 | 14 | 27 | s. 81 w. | 13 | <i>Middle Slope.</i> | | | | | | |
| Savannah, Ga. | 14 | 20 | 12 | 28 | s. 69 w. | 17 | Denver, Colo. | 23 | 14 | 13 | 14 | n. 4 w. | 14 |
| Jacksonville, Fla. | 20 | 21 | 17 | 16 | s. 45 e. | 1 | Pueblo, Colo. | 25 | 14 | 17 | 16 | n. 5 e. | 11 |
| <i>Florida Peninsula.</i> | | | | | | | Concordia, Kans. | 18 | 17 | 23 | 13 | n. 84 e. | 10 |
| Jupiter, Fla. | 11 | 19 | 20 | 22 | s. 14 w. | 8 | Dodge, Kans. | 20 | 21 | 20 | 13 | s. 82 e. | 7 |
| Key West, Fla. | 28 | 1 | 32 | 5 | n. 57 e. | 32 | Wichita, Kans. | 19 | 20 | 24 | 11 | s. 86 e. | 13 |
| Sand Key, Fla.† | 15 | 5 | 16 | 2 | s. 54 e. | 17 | Oklahoma, Okla. | 20 | 21 | 24 | 10 | s. 86 e. | 14 |
| Tampa, Fla. | 23 | 6 | 18 | 25 | n. 22 w. | 18 | <i>Southern Slope.</i> | | | | | | |
| <i>Eastern Gulf States.</i> | | | | | | | Abilene, Tex. | 23 | 27 | 19 | 6 | s. 73 e. | 14 |
| Atlanta, Ga. | 18 | 17 | 12 | 28 | n. 87 w. | 16 | Amarillo, Tex. | 16 | 22 | 22 | 16 | s. 45 e. | 8 |
| Macon, Ga.† | 9 | 11 | 5 | 13 | s. 76 w. | 8 | <i>Southern Plateau.</i> | | | | | | |
| Pensacola, Fla.† | 15 | 6 | 6 | 10 | n. 24 w. | 10 | El Paso, Tex. | 15 | 5 | 21 | 30 | n. 42 w. | 14 |
| Birmingham, Ala.† | 3 | 9 | 9 | 11 | w. | 2 | Santa Fe, N. Mex. | 14 | 24 | 20 | 18 | s. 11 e. | 10 |
| Mobile, Ala. | 22 | 25 | 8 | 16 | s. 69 w. | 8 | Flagstaff, Ariz. | 17 | 20 | 11 | 30 | s. 81 w. | 19 |
| Montgomery, Ala. | 14 | 23 | 16 | 22 | s. 34 w. | 11 | Phoenix, Ariz. | 5 | 11 | 25 | 26 | s. 9 w. | 6 |
| Meridian, Miss.† | 11 | 8 | 6 | 12 | n. 63 w. | 7 | Yuma, Ariz. | 22 | 13 | 10 | 26 | n. 61 w. | 18 |
| Vicksburg, Miss. | 19 | 21 | 15 | 14 | s. 27 e. | 2 | Independence, Cal. | 22 | 21 | 9 | 23 | n. 86 w. | 14 |
| New Orleans, La. | 21 | 27 | 16 | 11 | s. 40 e. | 8 | <i>Middle Plateau.</i> | | | | | | |
| <i>Western Gulf States.</i> | | | | | | | Carson City, Nev. | 10 | 20 | 6 | 34 | s. 70 w. | 30 |
| Shreveport, La. | 15 | 23 | 23 | 13 | s. 51 e. | 13 | Winnemucca, Nev. | 17 | 18 | 18 | 25 | s. 82 w. | 7 |
| Fort Smith, Ark. | 21 | 8 | 28 | 12 | n. 51 e. | 21 | Modena, Utah. | 10 | 14 | 13 | 35 | s. 80 w. | 22 |
| Little Rock, Ark. | 24 | 17 | 19 | 16 | n. 23 e. | 5 | Salt Lake City, Utah. | 25 | 14 | 15 | 18 | n. 15 w. | 11 |
| Corpus Christi, Tex. | 12 | 28 | 36 | 1 | s. 65 e. | 38 | Grand Junction, Colo. | 21 | 19 | 14 | 24 | n. 79 w. | 10 |
| Fort Worth, Tex. | 19 | 25 | 21 | 9 | s. 63 e. | 13 | <i>Northern Plateau.</i> | | | | | | |
| Galveston, Tex. | 12 | 33 | 22 | 7 | s. 35 e. | 26 | Baker City, Oreg. | 14 | 31 | 25 | 12 | s. 38 e. | 22 |
| Palestine, Tex. | 23 | 23 | 19 | 8 | e. | 11 | Boise, Idaho. | 20 | 15 | 19 | 23 | n. 39 w. | 6 |
| San Antonio, Tex. | 21 | 21 | 30 | 6 | e. | 24 | Lewiston, Idaho.† | 4 | 10 | 16 | 5 | s. 61 e. | 12 |
| Taylor, Tex.† | 10 | 13 | 11 | 4 | s. 67 e. | 8 | Pocatello, Idaho. | 5 | 23 | 24 | 29 | s. 13 e. | 18 |
| <i>Ohio Valley and Tennessee.</i> | | | | | | | Spokane, Wash. | 13 | 19 | 26 | 17 | s. 56 e. | 11 |
| Chattanooga, Tenn. | 20 | 20 | 12 | 23 | w. | 11 | Walla Walla, Wash. | 13 | 32 | 14 | 13 | s. 3 e. | 19 |
| Knoxville, Tenn. | 19 | 19 | 9 | 28 | w. | 19 | <i>North Pacific Coast Region.</i> | | | | | | |
| Memphis, Tenn. | 24 | 18 | 18 | 16 | n. 18 e. | 6 | North Head, Wash. | 20 | 17 | 19 | 19 | n. 45 w. | 3 |
| Nashville, Tenn. | 19 | 18 | 11 | 23 | n. 85 w. | 12 | Port Crescent, Wash.† | 12 | 5 | 7 | 14 | w. | 10 |
| Lexington, Ky.† | 6 | 14 | 8 | 9 | s. 7 w. | 8 | Seattle, Wash. | 19 | 19 | 14 | 20 | w. | 6 |
| Louisville, Ky. | 19 | 19 | 15 | 22 | w. | 7 | Tacoma, Wash. | 19 | 20 | 9 | 23 | s. 86 w. | 14 |
| Evansville, Ind.† | 10 | 7 | 8 | 10 | n. 34 w. | 4 | Tatoosh Island, Wash. | 8 | 16 | 28 | 17 | s. 54 e. | 14 |
| Indianapolis, Ind. | 26 | 19 | 15 | 14 | s. 8 e. | 7 | Portland, Oreg. | 16 | 20 | 13 | 24 | s. 70 w. | 12 |
| Cincinnati, Ohio. | 19 | 16 | 19 | 20 | n. 18 w. | 3 | Roseburg, Oreg. | 26 | 14 | 15 | 22 | n. 30 w. | 14 |
| Columbus, Ohio. | 19 | 20 | 14 | 18 | s. 76 w. | 4 | Eureka, Cal. | 15 | 25 | 16 | 20 | s. 22 w. | 11 |
| Pittsburg, Pa. | 27 | 14 | 10 | 24 | n. 47 w. | 19 | Mount Tamalpais, Cal. | 20 | 18 | 7 | 30 | s. 85 w. | 23 |
| Parkersburg, W. Va. | 20 | 21 | 12 | 22 | s. 84 w. | 10 | Red Bluff, Cal. | 20 | 25 | 18 | 11 | s. 54 e. | 9 |
| Elkins, W. Va. | 23 | 17 | 3 | 25 | n. 75 w. | 23 | Sacramento, Cal. | 9 | 32 | 19 | 14 | s. 12 e. | 24 |
| <i>Lower Lake Region.</i> | | | | | | | San Francisco, Cal. | 9 | 17 | 7 | 39 | s. 76 w. | 33 |
| Buffalo, N. Y. | 13 | 21 | 14 | 27 | s. 58 w. | 15 | Point Reyes Light, Cal.† | 13 | 6 | 3 | 16 | n. 62 w. | 15 |
| Oswego, N. Y. | 15 | 18 | 13 | 27 | s. 78 w. | 14 | Southeast Farallon, Cal.†. | 11 | 10 | 1 | 16 | n. 86 w. | 15 |
| Rochester, N. Y. | 15 | 17 | 12 | 32 | s. 84 w. | 20 | <i>South Pacific Coast Region.</i> | | | | | | |
| Syracuse, N. Y. | 19 | 17 | 10 | 28 | n. 84 w. | 18 | Fresno, Cal. | 37 | 6 | 5 | 24 | n. 31 w. | 36 |
| Erie, Pa. | 14 | 14 | 14 | 25 | w. | 11 | Los Angeles, Cal. | 15 | 11 | 19 | 25 | n. 56 w. | 7 |
| Cleveland, Ohio. | 23 | 19 | 14 | 20 | n. 56 w. | 7 | San Diego, Cal. | 31 | 5 | 8 | 30 | n. 40 w. | 34 |
| Sandusky, Ohio.† | 11 | 8 | 9 | 10 | n. 18 w. | 3 | San Luis Obispo, Cal. | 20 | 15 | 3 | 28 | n. 79 w. | 26 |
| Toledo, Ohio. | 21 | 13 | 13 | 23 | n. 51 w. | 13 | <i>West Indies.</i> | | | | | | |
| Detroit, Mich. | 25 | 13 | 12 | 23 | n. 43 w. | 16 | Basseterre, St. Kitts, W. I. | | | | | | |
| <i>Upper Lake Region.</i> | | | | | | | Bridgetown, Barbados. | | | | | | |
| Alpena, Mich. | 29 | 8 | 16 | 19 | n. 9 w. | 20 | Cienfuegos, Cuba. | | | | | | |
| Escanaba, Mich. | 36 | 10 | 12 | 13 | n. 2 w. | 26 | Colon, Colombia, S. A.†. | | | | | | |
| Grand Rapids, Mich. | 21 | 13 | 17 | 22 | n. 32 w. | 9 | Curaçao, W. I. | | | | | | |
| Houghton, Mich.† | 9 | 5 | 8 | 11 | n. 37 w. | 5 | Grand Turk, W. I.†. | 5 | 3 | 27 | 0 | n. 86 e. | 27 |
| Marquette, Mich. | 35 | 5 | 5 | 31 | n. 41 w. | 40 | Hamilton, Bermuda. | 19 | 26 | 9 | 19 | s. 55 w. | 12 |
| Port Huron, Mich. | 24 | 16 | 12 | 21 | n. 48 w. | 12 | Havana, Cuba.†. | 5 | 2 | 24 | 1 | n. 83 e. | 23 |
| Sault Ste. Marie, Mich. | 23 | 9 | 15 | 29 | n. 45 w. | 20 | Kingston, Jamaica. | | | | | | |
| Chicago, Ill. | 24 | 19 | 17 | 13 | n. 39 e. | 6 | Port of Spain, Trinidad†. | | | | | | |
| Milwaukee, Wis. | 33 | 12 | 11 | 14 | n. 8 w. | 21 | Puerto Principe, Cuba. | | | | | | |
| Green Bay, Wis. | 30 | 13 | 17 | 13 | n. 13 e. | 18 | Roseau, Dominica, W. I.†. | | | | | | |
| Duluth, Minn. | 36 | 7 | 24 | 15 | n. 17 e. | 30 | San Juan, Porto Rico. | 5 | 20 | 47 | 1 | s. 72 e. | 48 |
| <i>North Dakota.</i> | | | | | | | Santiago de Cuba, Cuba. | | | | | | |
| Moorhead, Minn. | 26 | 17 | 24 | 13 | n. 51 e. | | | | | | | | |

TABLE IV.—*Thunderstorms and auroras, April, 1904.*

| States. | No. of stations. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total. | | | |
|-------------------|------------------|----|-----|----|----|----|----|----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|----|-----|-----|--------|-------|-------|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | No. | Days. | |
| Alabama | 60 | T. | 5 | | | | | 5 | 7 | | | 2 | | | 1 | 4 | | | 1 | 1 | | | 4 | 3 | | | | | | | | | 33 | 10 | T. |
| Arizona | 56 | T. | A. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | A. |
| Arkansas | 57 | T. | 6 | | | 1 | 9 | 2 | 13 | 2 | 1 | | 2 | 3 | | 16 | 10 | 10 | 1 | | 9 | 2 | 2 | 3 | 23 | 7 | | | | 1 | 123 | 20 | T. | | |
| California | 167 | T. | A. | | | | | | | | | | | | | | 3 | 2 | | | 7 | 2 | 3 | | | | | | | | 0 | 0 | A. | | |
| Colorado | 70 | T. | A. | | | 4 | 3 | | | | | | | | | | 4 | | | | | | 3 | 2 | 4 | | | | | | 40 | 11 | A. | | |
| Connecticut | 21 | T. | A. | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 13 | 22 | A. | | |
| Delaware | 5 | T. | A. | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | 7 | 5 | T. | | |
| Dist. of Columbia | 4 | T. | A. | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 1 | 2 | 2 | T. | | |
| Florida | 61 | T. | A. | | | | | | | 2 | 12 | 16 | 16 | | | | | | 7 | 4 | 3 | 2 | 1 | | | | | 5 | 1 | 1 | 4 | 74 | 13 | A. | |
| Georgia | 67 | T. | 5 | | | | | | 2 | 6 | 12 | 1 | | | 3 | | 2 | 1 | 1 | 1 | | | | | | | | 2 | 3 | | 39 | 12 | T. | | |
| Idaho | 34 | T. | A. | | | | | | | 1 | | | | | | | | 3 | | | 4 | 2 | | | | | | | 1 | 7 | 1 | 19 | 0 | A. | |
| Illinois | 84 | T. | 7 | | | | | | | 3 | 1 | | | | | | 17 | | 1 | | 10 | 22 | 23 | 2 | | | | | | | | 86 | 9 | A. | |
| Indiana | 58 | T. | 12 | | | | | | | | 2 | | 1 | | | | | | | | 1 | 7 | 4 | 12 | 24 | | | | | 63 | 8 | T. | | | |
| Indian Territory | 20 | T. | A. | | | | | | | 4 | 5 | 1 | | | | | | | 1 | | 6 | 3 | 3 | 3 | | | | | 3 | 30 | 10 | T. | | | |
| Iowa | 128 | T. | A. | | | | | | | 1 | 2 | 2 | | | | | 1 | | 1 | 4 | 18 | 22 | 42 | 10 | 8 | | | | | 112 | 12 | A. | | | |
| Kansas | 88 | T. | 1 | | | 4 | 3 | 1 | 9 | 1 | | | | | | | | | 4 | 23 | 19 | 11 | 30 | 21 | 3 | | | | 5 | 10 | | 145 | 15 | A. | |
| Kentucky | 41 | T. | 4 | 1 | | | | | | | | | | | | | 1 | 1 | | 2 | | | | | | | | | | 0 | 0 | A. | | | |
| Louisiana | 46 | T. | 5 | 5 | 1 | | 7 | 1 | 18 | 10 | 2 | | | | | | | 2 | 2 | | | | | | | | | | 2 | 76 | 15 | T. | | | |
| Maine | 25 | T. | A. | | | | | | | | 1 | 8 | 2 | | | | | 1 | | 2 | 1 | | | | | | | | | | 11 | 3 | T. | | |
| Maryland | 42 | T. | 3 | | | | | | 6 | 4 | | | | | | | 1 | | 2 | 1 | | | | | | | | | 3 | 43 | 10 | A. | | | |
| Massachusetts | 48 | T. | 1 | | | | | 1 | | 12 | 6 | 1 | 1 | | | | | | 2 | | | | | | | | | 2 | 44 | 11 | T. | | | | |
| Michigan | 106 | T. | 2 | | | | | | | 1 | 1 | | | | | | | | | | 1 | 5 | 14 | 1 | | | | | 0 | 0 | A. | | | | |
| Minnesota | 67 | T. | A. | | | | | | | 1 | | | | | | | | | 2 | | 2 | 6 | 1 | 1 | | | | 11 | 5 | A. | | | | | |
| Mississippi | 57 | T. | 9 | 1 | | | | 2 | 11 | 5 | | | | | | 2 | | 2 | 2 | 1 | 3 | 1 | 1 | 2 | 1 | 4 | 9 | | 59 | 19 | T. | | | | |
| Missouri | 86 | T. | 1 | 2 | 1 | | | | 5 | 7 | | | | | | 3 | 7 | 11 | 1 | | 7 | 22 | 12 | 17 | 47 | 58 | 28 | 2 | | 0 | 0 | A. | | | |
| Montana | 54 | T. | A. | | | | | | 1 | | | | | | | | | | 2 | 1 | 8 | 3 | | | | | | 3 | 4 | 20 | 6 | T. | | | |
| Nebraska | 137 | T. | 1 | 1 | 1 | 2 | | 6 | 2 | 1 | 1 | | | | | | | | 2 | 1 | 14 | 12 | 27 | 8 | 12 | 31 | 4 | 1 | 1 | 1 | 4 | 131 | 20 | A. | |
| Nevada | 40 | T. | A. | | | | | | | | | | | | | | | | 2 | | 1 | 2 | 1 | | | | | | 0 | 0 | A. | | | | |
| New Hampshire | 21 | T. | A. | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | 1 | 2 | 1 | A. | | |
| New Jersey | 48 | T. | A. | | | 1 | | | | | 4 | 11 | 2 | | | | | | | | | | | | | | | | 6 | 35 | 6 | T. | | | |
| New Mexico | 31 | T. | A. | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 2 | T. | | | |
| New York | 129 | T. | 2 | | | | | | | 3 | 31 | 3 | 2 | 3 | | | 1 | | | | | | 1 | 2 | | | 1 | 1 | 2 | 11 | 63 | 13 | T. | | |
| North Carolina | 56 | T. | A. | | | | | | | 6 | 1 | | | 4 | 1 | | 1 | 5 | | 1 | 2 | | 1 | 1 | | 3 | 15 | 3 | 4 | 49 | 15 | T. | | | |
| North Dakota | 48 | T. | A. | | | | | | | 1 | | | | | | | | | 2 | 1 | 1 | 1 | | | | | | 0 | 0 | A. | | | | | |
| Ohio | 101 | T. | 24 | 1 | 1 | 1 | 1 | | 5 | 4 | | | 18 | 1 | | | | 3 | 4 | 2 | 1 | 1 | | | | | 7 | 21 | 10 | 1 | 17 | 11 | A. | | |
| Oklahoma | 36 | T. | A. | | | 4 | 9 | 4 | | | | | | | | | | | | | | | | | | | | 0 | 0 | A. | | | | | |
| Oregon | 70 | T. | A. | | | | | | | | 1 | 1 | | 2 | 1 | 7 | 2 | 2 | 1 | 1 | 9 | | | | | | 1 | 11 | 3 | 44 | 14 | A. | | | |
| Pennsylvania | 91 | T. | 13 | 1 | | 1 | | 1 | | 5 | 18 | 1 | | | | | | | | | | | | | | | 2 | 3 | 2 | 1 | 3 | 51 | 12 | T. | |
| Rhode Island | 6 | T. | A. | | | | | | | | 3 | 3 | | | | | | | | | | | | | | | | 1 | | 3 | 0 | 0 | A. | | |
| South Carolina | 51 | T. | 3 | | 2 | | | | 9 | 6 | 2 | | | 7 | 1 | | 1 | 8 | | | | | | | | | | 9 | | 48 | 10 | A. | | | |
| South Dakota | 56 | T. | A. | | | | | | 2 | 1 | | | | | | | | | | 4 | 4 | 19 | 6 | | | | | | 11 | | 0 | 0 | A. | | |
| Tennessee | 56 | T. | 8 | | | | | | | | 1 | | 6 | 4 | | 2 | 10 | 13 | 1 | 3 | | | | | | | | | 47 | 7 | T. | | | | |
| Texas | 126 | T. | 15 | 12 | 5 | 1 | 21 | 6 | 14 | 1 | | 1 | | | | | 6 | 17 | 8 | | 1 | 10 | 20 | 9 | 10 | 3 | 1 | 8 | 14 | 18 | 201 | 22 | T. | | |
| Utah | 64 | T. | 1 | 1 | | | | | | | | | | | | | | | 1 | | 1 | | | | | | | | 6 | 6 | 6 | 0 | A. | | |
| Vermont | 12 | T. | A. | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | A. | | | | |
| Virginia | 40 | T. | 1 | | | | | | | 2 | 2 | 3 | | | | | | | | | | | | | | | | 6 | 21 | 11 | 46 | 7 | T. | | |
| Washington | 71 | T. | A. | | | | | | 1 | | | | 1 | 10 | 2 | | | 3 | 8 | 1 | 1 | | | | | | | 2 | 6 | 1 | 37 | 12 | T. | | |
| West Virginia | 47 | T. | 5 | | | | | | | 1 | 9 | 4 | | 3 | 2 | | | | | | | | | | | | | 2 | 47 | 10 | A. | | | | |
| Wisconsin | 63 | T. | A. | | | | | | | 2 | 14 | 1 | | | | | | | | | | | | | | | | | 0 | 0 | A. | | | | |
| Wyoming | 38 | T. | A. | | | 1 | 1 | 2 | | | | | | | | | | | | | 4 | 4 | 1 | 1 | 6 | | | 3 | 1 | 20 | 9 | T. | | | |
| Sums. | 2993 | T. | 134 | 28 | 11 | 17 | 54 | 31 | 120 | 133 | 126 | 31 | 19 | 55 | 9 | 60 | 89 | 55 | 13 | 16 | 82 | 92 | 143 | 129 | 218 | 249 | 188 | 132 | 55 | 34 | 47 | 128 | 2,498 | 44 | T. |

TABLE V.—Accumulated amounts of precipitation for each 5 minutes, for storms in which the rate of fall equaled or exceeded 0.25 in any 5 minutes, or 0.75 in 1 hour during April, 1904, at all stations furnished with self-registering gages.

TABLE V.—Accumulated amounts of precipitation for each 5 minutes, etc.—Continued.

| Stations. | Date. | Total duration. | | Total amount of precipita- | Excessive rate. | | Amount before excessive began. | Depths of precipitation (in inches) during periods of time indicated. | | | | | | | | | | | | | |
|----------------------|-------|-----------------|------------|----------------------------|-----------------|------------|--------------------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|
| | | From— | To— | | Began— | Ended— | | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
| San Francisco, Cal. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | | | | | | | | | | | | | | 0.16 |
| Savannah, Ga. | 8 | | | 0.25 | | | | | | | | | | | | | | | | | * |
| Scranton, Pa. | 27 | | | 0.59 | | | | | | | | | | | | | | | | | 0.12 |
| Seattle, Wash. | 5 | | | 1.19 | | | | | | | | | | | | | | | | | 0.21 |
| Shreveport, La. | 7 | 11:35 a.m. | 5:40 p.m. | 1.66 | 11:41 a.m. | 12:06 p.m. | 0.01 | 0.14 | 0.35 | 0.59 | 0.73 | 0.79 | | | | | | | | | * |
| Spokane, Wash. | 14-15 | D. N. | 11:10 a.m. | 0.93 | 6:35 a.m. | 7:00 a.m. | 0.09 | 0.16 | 0.40 | 0.49 | 0.55 | 0.60 | | | | | | | | | * |
| Springfield, Ill. | 25-26 | | | 1.79 | | | | | | | | | | | | | | | | | 0.33 |
| Syracuse, Mo. | 7-8 | | | 0.72 | | | | | | | | | | | | | | | | | 0.36 |
| Tampa, Fla. | 9 | | | 0.67 | | | | | | | | | | | | | | | | | 0.12 |
| Taylor, Tex. | 29 | | | 1.52 | | | | | | | | | | | | | | | | | 0.58 |
| Toledo, Ohio | 8 | | | 0.38 | | | | | | | | | | | | | | | | | 0.18 |
| Topeka, Kans. | 20 | | | 1.39 | | | | | | | | | | | | | | | | | 0.57 |
| Valentine, Nebr. | 21-22 | | | 0.22 | | | | | | | | | | | | | | | | | * |
| Vicksburg, Miss. | 7-8 | 2:49 p.m. | D. N. | 2.04 | 7:50 p.m. | 8:30 p.m. | 1.08 | 0.06 | 0.11 | 0.22 | 0.27 | 0.30 | 0.35 | 0.47 | 0.87 | 0.89 | | | | | 0.47 |
| Washington, D. C. | 8 | | | 0.73 | | | | | | | | | | | | | | | | | * |
| Wichita, Kans. | 20 | | | 0.93 | | | | | | | | | | | | | | | | | 0.28 |
| Wilmington, N. C. | 17-18 | | | 0.39 | | | | | | | | | | | | | | | | | 0.33 |
| Wytheville, Va. | 26 | | | 0.50 | | | | | | | | | | | | | | | | | 0.10 |
| Yankton, S. Dak. | 6-7 | | | 0.84 | | | | | | | | | | | | | | | | | * |
| Havana, Cuba | 9-10 | | | 0.33 | | | | | | | | | | | | | | | | | 0.48 |
| San Juan, Porto Rico | 24 | | | 1.10 | | | | | | | | | | | | | | | | | |

* Self register not working.

† No precipitation during the month.

TABLE VI.—Data furnished by the Canadian Meteorological Service, April, 1904.

| Stations. | Pressure, in inches. | | | | Temperature. | | | | Precipitation. | | | | Stations. | Pressure, in inches. | | | | Temperature. | | | | Precipitation. | |
|-------------------------|--------------------------------------|---|------------------------|-------|------------------------|---------------|---------------|--------|------------------------|----------------|--------------------------------------|---|------------------------|----------------------|------------------------|---------------|---------------|--------------|------------------------|----------------|-----|----------------|--|
| | Actual, reduced to mean of 24 hours. | Sea level, reduced to mean of 24 hours. | Departure from normal. | Mean. | Departure from normal. | Mean maximum. | Mean minimum. | Total. | Departure from normal. | Depth of snow. | Actual, reduced to mean of 24 hours. | Sea level, reduced to mean of 24 hours. | Departure from normal. | Mean. | Departure from normal. | Mean maximum. | Mean minimum. | Total. | Departure from normal. | Depth of snow. | | | |
| St. Johns, N. F. | In. | In. | In. | o | o | o | o | In. | In. | In. | In. | In. | Parry Sound, Ont. | In. | In. | o | o | o | o | In. | In. | | |
| Sydney, C. B. I. | 29.80 | 29.94 | + .05 | 35.7 | + 1.2 | 42.8 | 28.5 | 6.23 | + 2.07 | 8.0 | 29.23 | 29.98 | - .09 | 36.5 | - 1.1 | 46.1 | 26.9 | 3.12 | + 1.21 | 9.5 | | | |
| Halifax, N. S. | 29.89 | 29.99 | + .10 | 36.5 | + 1.5 | 44.6 | 28.4 | 5.22 | + 1.37 | 8.1 | 29.39 | 30.13 | + 1.0 | 33.3 | - 0.2 | 42.8 | 23.8 | 0.36 | - 1.36 | 0.4 | | | |
| Grand Manan, N. B. | 29.90 | 29.95 | + .04 | 38.5 | + 0.7 | 46.6 | 30.4 | 6.52 | + 2.34 | 15.2 | 29.29 | 30.15 | + 1.3 | 36.1 | - 0.8 | 44.1 | 26.2 | 0.46 | - 0.59 | 2.0 | | | |
| Yarmouth, N. S. | 29.91 | 29.98 | + .02 | 38.7 | - 0.2 | 45.5 | 31.9 | 6.91 | + 3.32 | 12.0 | 27.77 | 30.06 | + 0.7 | 34.2 | - 3.2 | 42.7 | 25.7 | 0.85 | - 0.20 | 4.3 | | | |
| Charlottetown, P. E. I. | 29.92 | 29.96 | + .06 | 35.8 | + 0.6 | 43.1 | 28.4 | 3.77 | + 1.12 | 7.3 | 27.68 | 29.97 | + 0.5 | 45.7 | + 1.2 | 59.5 | 31.8 | 0.53 | - 0.21 | T. | | | |
| Chatham, N. B. | 29.91 | 29.93 | + .03 | 36.8 | + 1.3 | 48.1 | 25.4 | 3.09 | + 0.46 | 8.9 | 27.45 | 30.06 | + 1.0 | 38.3 | - 3.0 | 48.4 | 28.2 | 0.32 | - 0.61 | 2.2 | | | |
| Father Point, Que. | 29.89 | 29.91 | - .02 | 33.9 | + 0.7 | 40.3 | 27.5 | 1.57 | - 0.01 | 7.9 | 26.40 | 29.95 | + 0.5 | 43.0 | + 3.4 | 57.4 | 28.5 | 0.14 | - 0.50 | 0.4 | | | |
| Quebec, Que. | 29.61 | 29.94 | - .05 | 35.8 | + 0.7 | 42.8 | 28.9 | 2.70 | + 0.61 | 7.1 | 25.87 | 29.99 | + 0.9 | 39.8 | + 4.5 | 53.0 | 26.6 | 0.96 | - 0.12 | 7.0 | | | |
| Montreal, Que. | 29.73 | 29.94 | - .06 | 39.8 | + 0.1 | 46.8 | 32.9 | 3.70 | + 1.46 | 6.5 | 26.65 | 29.96 | + 0.7 | 44.2 | + 4.3 | 56.9 | 31.4 | 0.29 | - 0.59 | 0.8 | | | |
| Bissett, Ont. | 29.36 | 29.98 | - .04 | 35.5 | - 2.4 | 47.1 | 23.8 | 2.98 | + 1.40 | 8.4 | 28.43 | 30.08 | + 1.0 | 35.4 | + 0.3 | 47.5 | 25.3 | T. | - 0.83 | T. | | | |
| Ottawa, Ont. | 29.59 | 29.92 | - .10 | 38.8 | - 1.2 | 46.1 | 31.4 | 3.77 | + 2.27 | 4.0 | 28.32 | 30.10 | + 1.3 | 36.6 | - 0.6 | 46.5 | 26.8 | 0.03 | - 0.44 | 0.0 | | | |
| Kingston, Ont. | 29.64 | 29.96 | - .06 | 38.6 | - 1.4 | 46.2 | 31.0 | 3.82 | + 2.03 | 3.2 | 28.70 | 29.92 | - .01 | 51.1 | + 2.2 | 63.9 | 38.2 | 1.07 | + 0.68 | 0.0 | | | |
| Toronto, Ont. | 29.60 | 29.99 | - .03 | 39.2 | - 1.6 | 47.0 | 31.4 | 3.11 | + 0.74 | 4.7 | 29.91 | 30.01 | .00 | 50.8 | + 4.0 | 57.4 | 44.3 | 0.75 | - 1.62 | 0.0 | | | |
| White River, Ont. | 28.77 | 30.13 | + .09 | 29.7 | - 3.3 | 42.0 | 17.3 | 1.48 | + 0.23 | 10.0 | 25.62 | 29.93 | + .07 | 39.8 | + 6.7 | 52.0 | 27.0 | 1.15 | - 0.67 | 5.2 | | | |
| Port Stanley, Ont. | 29.35 | 30.01 | - .01 | 37.0 | - 4.0 | 44.4 | 29.7 | 4.53 | + 2.06 | 17.5 | 29.94 | 30.10 | + .05 | 66.1 | + 2.2 | 71.9 | 60.2 | 2.40 | - 1.78 | | | | |
| Saugeen, Ont. | 29.27 | 29.99 | - .04 | 37.1 | - 1.6 | 45.6 | 28.6 | 2.06 | + 0.26 | 4.4 | Dawson, Yukon. | | | | | | | | | | | | |

TABLE VII.—Heights of rivers referred to zeros of gages, April, 1904.

| Stations. | Distance to mouth of river. | Highest water. | | | | Lowest water. | | | | Stations. | Distance to mouth of river. | Highest water. | | | | Lowest water. | | | | Stations. |
|-------------------------------------|-----------------------------|----------------|-------|----------|-------|---------------|----------------|---------|-------|------------------------|-----------------------------|----------------|-------|---------|-------|---------------|----------------|---------|-------|-----------|
| | | Height. | Date. | Height. | Date. | Mean stage. | Monthly range. | Height. | Date. | | | Height. | Date. | Height. | Date. | Mean stage. | Monthly range. | Height. | Date. | |
| <i>Mississippi River.</i> | Miles. | Feet. | Feet. | Feet. | Feet. | Feet. | Feet. | Feet. | Feet. | Lamoure, N. Dak. | 25 | 6.8 | 23 | 1.1 | 1,2 | 4.8 | 5.7 | 1,5 | 1.6 | 3.2 |
| St. Paul, Minn. | 1,954 | 14 | 9.9 | 11,12 | 5.5 | 3 | 8.3 | 4.4 | 4.4 | Huron, S. Dak. | 210 | 25 | 3.5 | 0.3 | 1,5 | 1.6 | 3.2 | | | |
| Red Wing, Minn. | 1,914 | 14 | | | | | | | | <i>Missouri River.</i> | | | | | | | | | | |
| Reeds Landing, Minn. | 1,884 | 12 | 7.9 | 14,15 | 3.7 | 1 | 6.5 | 4.2 | 4.2 | Townsend, Mont. | 2,504 | 10 | 6.4 | 30 | 4.1 | 1-3 | 4.9 | 2.3 | | |
| La Crosse, Wis. | 1,819 | 12 | 9.4 | 17 | 6.2 | 2,3 | 8.1 | 3.2 | 3.2 | Fort Benton, Mont. | 2,285 | 12 | 3.7 | 28,30 | 1.6 | 1-3 | 2.6 | 2.1 | | |
| Prairie du Chien, Wis. ² | 1,759 | 18 | 10.9 | 20 | 7.4 | 6 | 9.1 | 3.5 | 3.5 | Bismarck, N. Dak. | 1,309 | 14 | 14.2 | 7 | 4.4 | 27,23 | 7.1 | 9.8 | | |
| Dubuque, Iowa | 1,699 | 18 | 11.4 | 22,23 | 8.0 | 7 | 9.6 | 3.6 | 3.6 | Pierre, S. Dak. | 1,114 | 19 | 12.7 | 10 | 4.4 | 2,7 | 8.3 | | | |
| LeClaire, Iowa | 1,609 | 10 | 7.4 | 25,26 | 5.0 | 8 | 6.0 | 2.4 | 2.4 | Sioux City, Iowa. | 784 | 18 | 15.7 | 12 | 6.8 | 1 | 10.2 | 8.9 | | |
| Davenport, Iowa | 1,593 | 15 | 9.6 | 26,27 | 7.7 | 8 | 8.6 | 1.9 | 1.9 | Omaha, Nebr. | 669 | 10 | 16.5 | 15 | 6.8 | 1 | 11.2 | 9.7 | | |
| Muscatine, Iowa | 1,562 | 16 | 11.9 | 1 | 9.1 | 11 | 10.2 | 2.8 | 2.8 | Plattsmouth, Nebr. | 641 | 17 | 9.7 | 15 | 3.2 | 1,2 | 6.3 | 6.5 | | |
| Galland, Iowa | 1,472 | 8 | 6.7 | 1 | 4.8 | 11,12,19,21 | 5.4 | 1.9 | 1.9 | Des Moines, Iowa. | 205 | 19 | 8.2 | 26 | 3.7 | 1-3,6 | 5.9 | 4.5 | | |
| Keeuk, Iowa | 1,463 | 15 | 12.6 | 26,29,30 | 8.5 | 18,21 | 9.8 | 4.1 | 4.1 | Illinois River. | 231 | 21 | 19.9 | 26 | 8.4 | 4 | 14.6 | 11.5 | | |
| Hannibal, Mo. | 1,402 | 13 | 16.4 | 28,29 | 9.8 | 7 | 11.8 | 6.6 | 6.6 | Bonneville, Mo. | 199 | 20 | 20.8 | 27 | 5.1 | 7 | 10.3 | 10.9 | | |
| Grafton, Ill. | 1,306 | 23 | 24.0 | 30 | 16.0 | 22 | 18.7 | 8.0 | 8.0 | Hermann, Mo. | 103 | 24 | 23.7 | 27 | 8.4 | 8 | 14.2 | 12.4 | | |
| St. Louis, Mo. | 1,264 | 30 | 33.6 | 29,30 | 21.2 | 9 | 25.1 | 12.4 | 12.4 | Parkerville, B. C. | 73 | 20 | 15.0 | 1 | 2.9 | 25 | 5.8 | 12.1 | | |
| Chester, Ill. | 1,189 | 30 | 30.4 | 30 | 18.8 | 9 | 22.1 | 11.6 | 11.6 | Freight, Pa. | 29 | 20 | 26.5 | 1 | 5.2 | 25 | 9.8 | 21.3 | </td | |

TABLE VII.—Heights of rivers referred to zeros of gages—Continued.

| Stations. | Distance to mouth of river. | Danger line on gage. | Highest water. | | Lowest water. | | Mean stage. | Monthly range. | Stations. | Distance to mouth of river. | Danger line on gage. | Highest water. | | Lowest water. | | Mean stage. | Monthly range. |
|--|-----------------------------|----------------------|----------------|--------|---------------|------------|--------------|----------------|---|-----------------------------|----------------------|----------------|--------------|---------------|----------------|-------------|----------------|
| | | | Height. | Date. | Height. | Date. | | | | | | Height. | Date. | Height. | Date. | | |
| <i>Clarion River.</i> Clarion, Pa. | Miles. 32 | Feet. 10 | Feet. 12.8 | 1 | Feet. 2.0 | 24 | Feet. 4.1 | 10.8 | <i>Merrimac River—Cont'd.</i> Concord, N. H. | Miles. 94 | Feet. 6.9 | 30 | Feet. 2.6 | 18, 19 | Feet. 3.7 | 4.3 | |
| <i>Canaugh River.</i> Johnstown, Pa. | 64 | 7 | 6.5 | 1 | 2.3 | 24, 25 | 3.3 | 4.2 | Manchester, N. H. | 68 | 5.7 | 30 | 1.9 | 18 | 3.3 | 3.8 | |
| <i>Cheat River.</i> Rowlesburg, W. Va. | 36 | 14 | 5.6 | 27 | 2.1 | 24, 25 | 3.3 | 3.5 | <i>Conneaut River.</i> Wells River, Vt. | 255 | 30.0 | 13 | 26.0 | 1, 19, 20 | 27.3 | 4.0 | |
| <i>Youghiogheny River.</i> Confluence, Pa. | 59 | 23 | 4.5 | 1 | 1.0 | 23-25 | 1.9 | 3.5 | White River Junction, Vt. | 209 | 14.8 | 30 | 8.4 | 20 | 10.7 | 6.4 | |
| <i>West Newton, Pa.</i> <i>Monongahela River.</i> Weston, W. Va. | 15 | 10 | 6.4 | 2 | 1.2 | 25 | 2.6 | 5.2 | Bellows Falls, Vt. | 170 | 7.6 | 30 | 2.9 | 21, 22 | 4.6 | 4.7 | |
| Fairmont, W. Va. | 119 | 25 | 20.2 | 28 | 14.8 | 23-25 | 15.9 | 5.4 | Holyoke, Mass. | 84 | 9 | 30 | 3.0 | 22, 23 | 4.8 | 5.1 | |
| Greensboro, Pa. | 81 | 18 | 14.4 | 28 | 7.4 | 25 | 9.0 | 6.8 | Hartford, Conn. | 50 | 18.3 | 30 | 7.6 | 24 | 12.2 | 10.7 | |
| Lock No. 4, Pa. | 40 | 28 | 17.2 | 28 | 7.0 | 24, 25 | 9.4 | 10.2 | <i>Housatonic River.</i> Gaylordsville, Conn. | 50 | 15 | 6.7 | 2-4 | 5.1 | 25 | 6.0 | 1.6 |
| <i>Ohio River.</i> Pittsburg, Pa. | 966 | 22 | 21.9 | 2 | 3.7 | 25 | 8.2 | 18.2 | <i>Mohawk River.</i> Utica, N. Y. | 98 | ..... | ..... | ..... | ..... | ..... | ..... |  |
| Davis Island Dam, Pa. | 960 | 25 | 21.2 | 2 | 6.0 | 25 | 9.6 | 15.2 | Tribe Hill, N. Y. | 42 | 9.5 | 2 | -0.4 | 21-24 | 2.5 | 9.9 | |
| Beaver Dam, Pa. | 925 | 27 | 33.0 | 2 | 7.5 | 25 | 13.5 | 25.5 | Schenectady, N. Y. | 19 | 9.7 | 11 | 3.3 | 22, 23 | 6.0 | 6.4 | |
| Wheeling, W. Va. | 875 | 36 | 33.9 | 3 | 7.3 | 24, 25 | 13.5 | 26.6 | <i>Hudson River.</i> Glen Falls, N. Y. | 197 | 13.0 | 11 | 8.0 | 23 | 9.8 | 5.0 | |
| Parkersburg, W. Va. | 785 | 36 | 34.8 | 4 | 7.4 | 25 | 14.9 | 27.4 | Troy, N. Y. | 154 | 16.0 | 11 | 6.8 | 23 | 11.2 | 9.2 | |
| Point Pleasant, W. Va. | 703 | 39 | 35.9 | 5 | 7.8 | 25 | 17.4 | 28.1 | Albany, N. Y. | 147 | 11.9 | 11 | 4.3 | 23 | 7.8 | 7.6 | |
| Huntington, W. Va. | 660 | 50 | 38.5 | 6 | 11.7 | 25 | 21.6 | 26.8 | Stuyvesant, N. Y. | 128 | ..... | ..... | ..... | ..... | ..... | ..... |  |
| Catlettsburg, Ky. | 651 | 50 | 39.7 | 6 | 10.9 | 25 | 21.7 | 28.8 | <i>Passaic River.</i> Chatham, N. J. | 69 | 4.7 | 2 | 2.6 | 21-26 | 3.2 | 2.1 | |
| Portsmouth, Ohio. | 612 | 50 | 41.8 | 6 | 12.2 | 25 | 23.3 | 29.6 | <i>Pompton River.</i> Pompton Plains, N. J. | 6 | ..... | ..... | ..... | ..... | ..... | ..... |  |
| Cincinnati, Ohio. | 499 | 50 | 44.3 | 1 | 14.8 | 25 | 26.6 | 29.5 | <i>North Branch Susquehanna.</i> Binghamton, N. Y. | 306 | 16 | 9.0 | 2 | 3.7 | 5.8 | 5.3 | |
| Madison, Ind. | 418 | 46 | 28.8 | 1 | 11.0 | 25 | 22.6 | 27.8 | Towanda, Pa. | 262 | 16 | 9.4 | 11 | 3.4 | 5.6 | 6.0 | |
| Louisville, Ky. | 367 | 28 | 21.0 | 1 | 6.3 | 25 | 10.5 | 14.7 | Wilkesbarre, Pa. | 183 | 17 | 16.2 | 11 | 6.9 | 10.3 | 9.3 | |
| Evansville, Ind. | 184 | 35 | 39.8 | 3, 4 | 13.1 | 25 | 25.5 | 26.7 | <i>West Branch Susquehanna.</i> Lockhaven, Pa. | 65 | 12 | 8.8 | 2 | 1.0 | 2.5 | 7.8 | |
| Paducah, Ky. | 47 | 40 | 44.7 | 4 | 18.2 | 24 | 32.4 | 26.5 | Williamsport, Pa. | 39 | 20 | 17.2 | 2 | 3.2 | 6.6 | 14.0 | |
| Cairo, Ill. | 1 | 45 | 49.1 | 5 | 31.3 | 24 | 41.6 | 17.8 | <i>Susquehanna River.</i> Selinsgrove, Pa. | 116 | 17 | 11.0 | 3 | 2.5 | 5.2 | 8.5 | |
| <i>Beaver River.</i> Ellwood Junction, Pa. | 10 | 14 | 13.9 | 2 | 3.2 | 23 | 4.7 | 10.7 | Harrisburg, Pa. | 69 | 17 | 13.7 | 3 | 3.9 | 22 | 6.9 | |
| <i>Muskingum River.</i> Zanesville, Ohio. | 70 | 20 | 27.7 | 4 | 8.8 | 24 | 13.4 | 18.9 | <i>Juniata River.</i> Huntingdon, Pa. | 90 | 24 | 8.5 | 2 | 3.9 | 23-26 | 4.9 | |
| <i>Little Kanawha River.</i> Glenville, W. Va. | 103 | 20 | ..... | ..... | ..... | ..... | ..... | ..... | <i>Potomac River.</i> Cumberland, Md. | 290 | 8 | 5.5 | 28-30 | 3.4 | 4.1 | 2.1 | |
| <i>Scioto River.</i> Radford, Va. | 155 | 14 | 3.8 | 29 | 0.7 | 26 | 1.5 | 3.1 | Harpers Ferry, W. Va. | 172 | 18 | 7.5 | 30 | 0.5 | 26, 27 | 2.4 | |
| Hinton, W. Va. | 95 | 14 | 4.8 | 28 | 1.8 | 21-25 | 2.3 | 3.0 | Riverton, Va. | 58 | 22 | 6.0 | 30 | 0.4 | 1-29 | 0.6 | |
| <i>Great Kanawha River.</i> Charleston, W. Va. | 58 | 30 | 13.3 | 28 | 4.3 | 9 | 6.4 | 9.0 | <i>James River.</i> Lynchburg, Va. | 260 | 18 | 6.1 | 28 | 1.1 | 26 | 2.1 | |
| <i>Licking River.</i> Falmouth, Ky. | 30 | 25 | 13.3 | 1 | 3.0 | 25 | 6.0 | 10.3 | Richmond, Va. | 111 | 12 | 3.3 | 30 | -0.2 | 15 | 0.5 | |
| <i>Miami River.</i> Dayton, Ohio. | 77 | 18 | 11.0 | 2 | 1.8 | 22, 23 | 3.6 | 9.2 | Danville, Va. | 55 | 8 | 0.4 | 29 | -0.3 | 22-26 | -0.1 | |
| <i>Kentucky River.</i> Beattyville, Ky. | 254 | 30 | 4.5 | 29 | 1.0 | 11-25 | 1.6 | 3.5 | Clarksville, Va. | 196 | 12 | 3.9 | 1, 2, 28 | 2.4 | 3.3 | 1.5 | |
| High Bridge, Ky. | 117 | 17 | 13.0 | 30 | 9.5 | 24-25 | 10.4 | 3.5 | Weldon, N. C. | 129 | 30 | 11.7 | 30 | 9.1 | 22-26 | 9.7 | |
| Frankfort, Ky. | 65 | 31 | 8.6 | 30 | 6.3 | 23-25 | 7.0 | 2.3 | <i>Cape Fear River.</i> Fayetteville, N. C. | 112 | 38 | 8.8 | 29 | 3.4 | 24 | 5.0 | |
| <i>Wabash River.</i> Mount Carmel, Ill. | 50 | 15 | 27.1 | 2 | 6.7 | 25 | 17.3 | 20.4 | Waccamaw River. | 40 | 7 | 6.0 | 1 | 1.6 | 28 | 3.4 | |
| <i>Clinch River.</i> Speers Ferry, Va. | 156 | 20 | 5.3 | 28 | -0.2 | 25 | 0.6 | 5.5 | Conway, S. C. | 149 | 27 | 3.1 | 1 | 1.8 | 25, 26 | 2.4 | |
| Clinton, Tenn. | 52 | 25 | 11.0 | 30 | 4.4 | 25 | 5.6 | 6.6 | <i>Pedee River.</i> Cheraw, S. C. | 51 | 16 | 10.6 | 1 | 2.8 | 28-30 | 5.5 | |
| <i>Holston River.</i> Bluff City, Tenn. | 170 | 15 | 4.2 | 28 | 0.9 | 24-26 | 1.4 | 3.3 | <i>Santee River.</i> Effingham, S. C. | 35 | 12 | 8.5 | 1 | 4.0 | 29, 30 | 5.2 | |
| Rogersville, Tenn. | 103 | 14 | 5.0 | 29 | 2.0 | 22-26 | 2.5 | 3.0 | <i>Black River.</i> Kingtree, S. C. | 52 | 12 | 8.4 | 1 | 3.0 | 29, 30 | 6.0 | |
| <i>French Broad River.</i> Asheville, N. C. | 144 | 6 | 1.0 | 9 | -0.3 | 25 | 0.0 | 1.3 | <i>Wateree River.</i> Camden, S. C. | 45 | 24 | 8.0 | 1 | 6.0 | 25-27 | 6.8 | |
| Leaveland, Tenn. | 70 | 15 | 1.5 | 28 | -0.4 | 20, 25 | 0.2 | 1.9 | <i>Congaree River.</i> Columbia, S. C. | 37 | 15 | 1.6 | 1-6 | 0.0 | 25-27, 29, 30 | 0.7 | |
| <i>Hawassee River.</i> Charleston, Tenn. | 18 | 22 | 4.0 | 9 | 1.6 | 23-25 | 2.2 | 2.4 | <i>Savannah River.</i> St. Stephens, S. C. | 50 | 12 | 7.0 | 1 | 2.3 | 30 | 3.8 | |
| <i>Tennessee River.</i> Knoxville, Tenn. | 635 | 29 | 5.4 | 30 | 1.6 | 25 | 2.5 | 3.8 | Calhoun Falls, S. C. | 347 | 15 | 3.0 | 9 | 2.3 | 23-25, 30 | 2.5 | |
| Kingston, Tenn. | 556 | 25 | 5.6 | 2 | 2.5 | 26 | 3.3 | 3.1 | Augusta, Ga. | 268 | 32 | 9.8 | 11 | 7.4 | 25, 27 | 9.1 | |
| Chattanooga, Tenn. | 452 | 33 | 9.0 | 1 | 3.7 | 27 | 5.1 | 5.3 | <i>Broad River.</i> Carlton, Ga. | 30 | 11 | 2.7 | 9 | 2.2 | 24, 25, 29, 30 | 2.4 | |
| Bridgeport, Ala. | 402 | 24 | 7.5 | 1 | 2.4 | 27, 28 | 3.7 | 5.1 | <i>Oconee River.</i> Dublin, Ga. | 79 | 30 | 3.0 | 11, 12 | 1.0 | 16-30 | 1.6 | |
| Florence, Ala. | 255 | 16 | 11.3 | 1 | 2.3 | 30 | 4.8 | 9.0 | <i>Ocmulgee River.</i> Macon, Ga. | 203 | 18 | 5.7 | 9 | 2.8 | 6, 18, 19 | 3.2 | |
| Riverton, Ala. | 225 | 25 | 19.5 | 1 | 2.6 | 30 | 6.5 | 16.9 | Abbeville, Ga. | 96 | 11 | 6.0 | 12, 13 | 2.7 | 26, 29, 30 | 3.8 | |
| Johnsonville, Tenn. | 95 | 21 | 26.9 | 1 | 4.9 | 30 | 10.9 | 22.0 | <i>Flint River.</i> Woodbury, Ga. | ..... | ..... | 1.9 | 9 | 0.4 | 24, 26, 28, 29 | 0.6 | |
| <i>Cumberland River.</i> Burnside, Ky. | 518 | 50 | 6.7 | 29 | 2.3 | 18-20 | 3.7 | 4.4 | <i>Coosa River.</i> Albany, Ga. | 80 | 20 | 5.9 | 11, 12 | 2.0 | 29, 30 | 3.4 | |
| Celina, Tenn. | 383 | 45 | 13.3 | 1 | 4.2 | 17-20 | 6.2 | 9.1 | <i>Chattohoochee River.</i> Gadsden, Ga. | 205 | 18 | 5.0 | 10 | 1.5 | 6, 24-26, 27 | 2.0 | |
| Carthage, Tenn. | 308 | 40 | 15.1 | 1 | 4.0 | 18, 20-22 | 5.9 | 11.1 | <i>Oakdale, Ga.</i> | 116 | 17 | 5.4 | 11 | 1.5 | 26, 29, 30 | 3.5 | |
| Nashville, Tenn. | 193 | 40 | 31.9 | 1 | 6.0 | 22-24 | 9.8 | 25.9 | <i>West Point, Ga.</i> | 239 | 20 | 3.6 | 9 | 2.6 | 24-30 | 2.8 | |
| Clarksville, Tenn. | 126 | 42 | 40.4 | 1 | 8.2 | 23-24 | 14.4 | 32.2 | <i>Eufaula, Ala.</i> | 90 | 40 | 6.0 | 10 | 2.0 | 26-30 | 3.3 | |
| <i>Arkansas River.</i> Wichita, Kans. | 832 | 10 | 2.1 | 25 | -0.2 | 12-19 | 0.2 | 2.3 | <i>Coosa River.</i> Rome, Ga. | 271 | 30 | 5.8 | 9 | 2.0 | 19-30 | 2.6 | |
| Webbers Falls, Ind. T. | 465 | 23 | 12.3 | 28 | 3.1 | 23-25 | 4.9 | 9.2 | <i>Black Warrior River.</i> Gadsden, Ga. | 144 | 22 | 6.0 | 11 | 1.4 | 25 | 2.7 | |
| Fort Smith, Ark. | 408 | 22 | 12.8 | 29 | 3.6 | 21 | 5.9 | 9.2 | <i>Tallapoosa River.</i> Lock No. 4, Ala. | 116 | 17 | 5.4 | 11 | 1.5 | 26 | 3.9 | |
| Dardanelle, Ark. | 256 | 21 | 12.4 | 30 | 3.8 | 22 | 6.0 | 8.6 | <i>Tombigbee River.</i> Selma, Ala. | 212 | 35 | 7.4 | 1, 11 | 1.9 | 27-30 | 4.3 | |
| Little Rock, Ark. | 176 | 23 | 13.5 | 1 | 5.5 | 23 | 7.7 | 8.0 | <i>Coosa River.</i> Milstead, Ala. | 38 | 35 | 5.8 | 9 | 1.8 | 19-24 | 2.3 | |
| <i>White River.</i> Newport, Ark. | 150 | 26 | 26.3 | 1 | 14.1 | 25 | 18.6 | 12.2 | <i>Alabama River.</i> Montgomery, Ala. | 265 | 35 | 5.9 | 12 | 1.9 | 26 | 3.4 | |
| <i>Yazoo River.</i> Yazoo City, Miss. | 80 | 25 | 22.6 | 26-29 | 15.4 | 1 | 20.0 | 7.2 | <i>Sabine River.</i> Logansport, La. | 212 | 35 | 7.4 | 1, 11 | 1.9 | 27-30 | 4.3 | |
| <i>Ouachita River.</i> Camden, Ark. | 304 | 39 | 30.6 | 1 | 13.3 | 23 | 22.8 | 17.3 | <i>Neches River.</i> Orange, Tex. | 10 | 7 | 2.0 | 24, 25 | 1.2 | 30 | 2.5 | |
| Monroe, La. | 122 | 40 | 29.5 | 15-20 | 21.2 | 1 | 27.3 | 8.3 | <i>Rockland, Tex.</i> | 110 | 20 | 7.0 | 7 | 2.5 | 20-24 | 3.9 | |
| <i>Red River.</i> Arthur City, Tex. | 688 | 27 | 7.8 | 25, 26 | 5.0 | 4-6, 17-23 | 6.2 | 2.8 | <i>Black Warrior River.</i> Demopolis, Ala. | 155 | 35 | 19.2 | 1 | 2.6 | 30 | 9.5 | |
| Fulton, Ark. | 515 | 28 | 19.8 | 1 | 9.0 | 22, 23 | 13.6 | 10.8 | <i>Tuscaloosa, Ala.</i> | 90 | 43 | 20.5 | 10 | 7.0 | 24 | 10.4 | |
| Shreveport, La. | 327 | 29 | 12.9 | 1 | 7.9 | 24 | 10.3 | 5.0 | <i>Sabine River.</i> Logansport, La. | 180 | 25 | 18.6 | 18 | 10.2 | 7 | 15.4 | |
| Alexandria, La. | 118 | 33 | 19.3 | 10, 11 | 11.0 | 29, 30 | 15.2 | 8.3 | <i>Neches River.</i> Winslow, Tex. | 10 | 7 | 2.0 | 24, 25 | -0.6 | 1, 2 | 0.4 | |
| <i>Atchafalaya River.</i> Melville, La. | 100 | 31 | 34.2 | 29, 30 | 29.5 | 1 | 32.2 | 4.7 | <i>Rockland, Tex.</i> | 110 | | | | | | | |

TABLE VII.—Heights of rivers referred to zeros of gages.—Continued.

| Stations. | Distance to mouth of river. | Danger line on gage. | Highest water. | | Lowest water. | | Mean stage. | Monthly range. | Stations. | Distance to mouth of river. | Danger line on gage. | Highest water. | | Lowest water. | | Mean stage. | Monthly range. |
|----------------------|-----------------------------|----------------------|----------------|--------|---------------|--------------|----------------|----------------|-------------------------|-----------------------------|----------------------|----------------|-------|---------------|-----------|-------------|----------------|
| | | | Height. | Date. | Height. | Date. | | | | | | Height. | Date. | Height. | Date. | | |
| Neches River—Cont'd. | | | | | | | | | Colorado River—Cont'd. | | | | | | | | |
| Beaumont, Tex. | Miles. 40 | Feet. 10 | Feet. 2.2 | | Feet. 24 | Feet. 0.5 | | Feet. 1.2 | Austin, Tex. | Miles. 214 | Feet. 18 | Feet. 5.8 | | Feet. 24 | Feet. 0.9 | Feet. 16-21 | Feet. 1.4 |
| Trinity River. | | | | | | | | | Columbus, Tex. | | 24 | 11.3 | | | 27 | 5.4 | 6.3 |
| Dallas, Tex. | 330 | 25 | 25.9 | | 11 | 2.7 | | 23.2 | Red River of the North. | | | | | | | 17-22 | 5.9 |
| Riverside, Tex. | 100 | 40 | 15.1 | | 5 | 7.0 | | 11 | Moorhead, Minn. | 418 | 26 | 21.3 | | 20 | 11.0 | 2 | 15.4 |
| Liberty, Tex. | 42 | 25 | 17.5 | | 8 | 9.9 | | 14 | Columbia River | | | | | | | | 10.3 |
| Brazos River. | | | | | | | | | Umatilla, Oreg. | 270 | 25 | 17.3 | | 30 | 6.7 | 2,3 | 12.4 |
| Kopperl, Tex. | 369 | 21 | 2.8 | | 6 | 0.8 | 17-21, 30 | 1.6 | The Dalles, Oreg. | 166 | 40 | 28.9 | | 19 | 9.7 | 1 | 20.7 |
| Waco, Tex. | 301 | 24 | 4.2 | | 8 | 2.8 | 22, 23, 28, 30 | 3.2 | Albany, Oreg. | 118 | 20 | 11.5 | | 14 | 6.2 | 25 | 8.5 |
| Hempstead, Tex. | 215 | 40 | 4.8 | | 4 | 0.9 | 24-26 | 1.8 | Portland, Oreg. | 12 | 15 | 18.0 | | 20, 21 | 9.3 | 3,5 | 14.0 |
| Booth, Tex. | 76 | 39 | 4.9 | | 11 | 2.3 | 1, 2, 6, 8- | 3.2 | Sacramento River. | 265 | 23 | 15.4 | | 27 | 8.6 | 5,6 | 11.1 |
| Colorado River. | | | | | | | (13, 21, 23, | 1.0 | Red Bluff, Cal. | | | | | | | 30 | 6.8 |
| Ballinger, Tex. | 400 | 21 | 2.0 | 14, 15 | 1.0 | (13, 21, 23, | 28-30) | 1.4 | Sacramento, Cal. | 64 | 25 | 24.0 | | 1 | 20.8 | 22.1 | 3.2 |

¹Record incomplete. ²Frozen 1 day. ³Frozen 6 days. ⁴29 days only. ⁵26 days only. ⁶Frozen 8 days. ⁷No record.

HAWAIIAN CLIMATOLOGICAL DATA.

By R. C. LYDECKER, Territorial Meteorologist.

Rainfall data for April, 1904.

| Stations. | Elevation. | Amount. | Stations. | Elevation. | Amount. | During twenty-four hours preceding 1 p. m. Greenwich time, or 2:30 a. m. Honolulu time. | | | | | | | | | | | |
|-------------------------------|------------|---------------|------------------------------|------------|--------------|---|------------------------|--------------|--------------|--------|-------|----------------------|-----------------------|--------|---------------------|----------|----------|
| | | | | | | Date. | Pressure at sea level. | Temperature. | Temperature. | Means. | Wind. | Sea-level pressures. | Prevailing direction. | Force. | Average cloudiness. | Maximum. | Minimum. | Total rainfall at 9 a. m., local time. |
| HAWAII, HILO, e. and ne. | | | LANAI. | Feet. 10 | Inches. 0.07 | | | | | | | | | | | | |
| Waiakea. | Feet. 50 | Inches. 22.88 | Keomuku. | | | | | | | | | | | | | | |
| Hilo (town). | | | OAHU. | | | | | | | | | | | | | | |
| Puueo. | 85 | 26.51 | Punahoa (W. B.), sw. | 47 | 3.03 | | | | | | | | | | | | |
| Kaumana. | 1,250 | 49.83 | Kulaokahua (Castle), sw. | 50 | 1.51 | | | | | | | | | | | | |
| Pepeekeo. | 100 | 24.06 | Makiki Reservoir. | 120 | | | | | | | | | | | | | |
| Hakalau. | 200 | 34.30 | U. S. Naval Station. | 6 | 1.66 | | | | | | | | | | | | |
| Honohina. | 300 | 29.63 | Kapilani Park, sw. | 10 | | | | | | | | | | | | | |
| Puuhonua. | 1,050 | 56.39 | College Hills. | 175 | 4.38 | | | | | | | | | | | | |
| Laupahoehoe. | 500 | 47.37 | Manoa (Woodlawn Dairy), c. | 255 | 8.58 | | | | | | | | | | | | |
| Ookala. | 400 | 35.75 | Manoa (Rhodes Gardens). | 360 | 10.47 | | | | | | | | | | | | |
| KOHALA, ne. | | | Insane Asylum. | 30 | | | | | | | | | | | | | |
| Kukaihale. | | | School street (Bishop), sw. | | | | | | | | | | | | | | |
| Kukaihale. | 250 | 33.10 | Kamehameha School. | | | | | | | | | | | | | | |
| Kaau. | 300 | 31.26 | Kalihui-Uka, sw. | 485 | 9.77 | | | | | | | | | | | | |
| Paauilo. | | | Nuuuanu (W. W. Hall), sw. | 50 | 3.20 | | | | | | | | | | | | |
| Paahuau. | 300 | 20.37 | Nuuuanu (Wyllie street). | 250 | 5.18 | | | | | | | | | | | | |
| Honokaa (Mill). | 425 | 20.80 | Nuuuanu (Elec. Station), sw. | 405 | 7.66 | | | | | | | | | | | | |
| Honokaa (Meinicke). | 1,100 | 33.49 | Nuuuanu (Luakaha), c. | 850 | 17.62 | | | | | | | | | | | | |
| Kohala. | 700 | 22.42 | U. S. Experiment Station. | 350 | 4.09 | | | | | | | | | | | | |
| KOHALA, n. | | | Kahulu. | 1,150 | | | | | | | | | | | | | |
| Awini Ranch. | 1,100 | 27.74 | Laniakea (Nahuina). | 7 | | | | | | | | | | | | | |
| Halawa. | 450 | 18.20 | Tantalus Heights (Frear). | 360 | 9.36 | | | | | | | | | | | | |
| Niulii. | 200 | 16.85 | Waimanalo, ne. | 25 | 2.03 | | | | | | | | | | | | |
| Kohala (Mission). | 521 | 16.49 | Maunawili, ne. | 300 | 4.59 | | | | | | | | | | | | |
| Kohala (Sugar Co.). | 270 | 17.73 | Kaneohe. | 100 | 5.37 | | | | | | | | | | | | |
| Hawi Mill. | 700 | 17.58 | Ahuimanu, ne. | 350 | 8.57 | | | | | | | | | | | | |
| Puakea Ranch. | 600 | 12.25 | Kahaku, n. | 25 | 2.46 | | | | | | | | | | | | |
| Puuhue Ranch. | 1,847 | 9.40 | Waialua. | 14 | | | | | | | | | | | | | |
| Waimea. | 2,720 | 7.29 | Wahiawa. | 900 | 0.55 | | | | | | | | | | | | |
| KONA, w. | | | Ewa Plantation, s. | 60 | 0.49 | | | | | | | | | | | | |
| Huehue. | 2,000 | 3.57 | U. S. Magnetic Station. | 45 | 0.40 | | | | | | | | | | | | |
| Holualoa. | 1,350 | 11.86 | Waipahu. | 200 | 0.00 | | | | | | | | | | | | |
| Kaukahoku Leheula. | 3,500 | | Moanalua. | 15 | 0.96 | | | | | | | | | | | | |
| Kainaliu. | 1,470 | | Pacific Heights. | 20 | | | | | | | | | | | | | |
| Kealakekua. | 1,580 | 15.37 | KAUAI. | 21 | | | | | | | | | | | | | |
| Napoopo. | 25 | | Lihue (Grove Farm), e. | 200 | 4.92 | | | | | | | | | | | | |
| Hoopuloa. | 1,650 | 8.42 | Lihue (Molokoa), e. | 300 | 4.05 | | | | | | | | | | | | |
| Hoopuloa. | 2,300 | 16.89 | Lihue (Kukaua), e. | 1,000 | 20.03 | | | | | | | | | | | | |
| Puuwaa-waa Ranch. | 2,700 | 3.75 | Lihue (Kilohana). | 400 | 4.12 | | | | | | | | | | | | |
| Huehue. | | | Kealia, e. | 15 | | | | | | | | | | | | | |
| Kahuku Ranch. | 2,000 | 7.29 | Kilauea (Plantation), ne. | 325 | 10.44 | | | | | | | | | | | | |
| Houuapo. | 15 | 9.86 | Haalea, u. | 10 | | | | | | | | | | | | | |
| Naselihu. | 650 | 8.77 | Waioli. | 28 | | | | | | | | | | | | | |
| Hilea. | 310 | 6.10 | Haena. | 29 | | | | | | | | | | | | | |
| Paahala. | 850 | 7.06 | Waiawa. | 30 | | | | | | | | | | | | | |
| Volcano House. | 4,000 | 20.29 | Eele. | 150 | | | | | | | | | | | | | |
| PUNA, e. | | | Wahiaua (Mountain). | 3,000 | | | | | | | | | | | | | |
| Olaa, Mountain View (Russel). | 1,530 | 47.24 | McBryde (Residence). | 850 | 6.56 | | | | | | | | | | | | |
| Olaa Plantation (Mill). | 210 | 30.82 | Lawai (Gov. Road). | 450 | 9.24 | | | | | | | | | | | | |
| Olaa (20 miles). | 1,700 | 61.01 | Lawai, w. | 225 | 2.72 | | | | | | | | | | | | |
| Kapoho. | 110 | 2.72 | Lawai, e. | 800 | 8.03 | | | | | | | | | | | | |
| Paho. | 600 | 15.07 | Koloa. | 100 | 2.87 | | | | | | | | | | | | |
| MAUI. | | | Lawai Beach. | 3.02 | | | | | | | | | | | | | |
| Lahaina. | | | Delayed March reports. | | | | | | | | | | | | | | |
| Waipao Ranch. | 700 | 1.82 | Hanalei. | | 21.90 | | | | | | | | | | | | |
| Kaupo (Mokulau), s. | 285 | 6.05 | Lihue (Kilohana). | | 11.12 | | | | | | | | | | | | |
| Kipahulu, s. | 308 | | Kalihiu-uka. | | 11.15 | | | | | | | | | | | | |
| Hana. | | | Olaa Mill. | | 0.35 | | | | | | | | | | | | |
| Nahiku, ne. | 850 | 26.22 | Olaa. | 1,530 | 1.31 | | | | | | | | | | | | |
| Nahiku. | 1,600 | 40.16 | Hilo. | | 0.85 | | | | | | | | | | | | |
| Haiku, n. | 700 | 9.92 | Halawa. | | 4.15 | | | | | | | | | | | | |
| Kula (Erehwon), n. | 4,500 | 2.99 | Ookala. | | 6.60 | | | | | | | | | | | | |
| Kula (Waiakoa), n. | 2,700 | 0.55 | Kahuku Ranch. | | 4.37 | | | | | | | | | | | | |
| Pu'uomalei, n. | 1,400 | 12.72 | Lawai Beach. | | 5.24 | | | | | | | | | | | | |
| Paia. | 180 | | Wahiawa Mountain. | | 4.75 | | | | | | | | | | | | |
| Haleakala Ranch. | 2,000 | 6.89 | U. S. Magnetic Station. | | 5.58 | | | | | | | | | | | | |
| Wailuku, ne. | 250 | 0.51 | | | | | | | | | | | | | | | |

Note.—The letters n, s, e, w, and c show the exposure of the station relative to the winds.

Mean temperature for the month of April, 1904 ($6 + 2 + 9$, $+ 3 = 72.5^{\circ}$; normal is 72.5°). Mean pressure for the month of April, 1904, ($9 + 3 + 2 = 30.013$; normal is 30.020). * This pressure is as recorded at 1 p. m., Greenwich time. [†] These temperatures are observed at 6 a. m., local, or 4:31 p. m., Greenwich time. [‡] These values are the means of ($6 + 9 + 2 + 9 + 4$, $+ 2$, $\frac{1}{2}$ Beaufort scale). Maximum thermometer set at 9 p. m. and minimum at 2 p. m., local time.

GENERAL SUMMARY FOR APRIL, 1904.

The meteorological summary for April is as follows:

Honolulu.—Temperature mean for the month, 72.5° ; normal, 72.5° ; average daily maximum, 77.2° ; average daily minimum, 68.7° ; mean daily range, 8.5° ; greatest daily range, 14° .